

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041425\
 Data File : VY021867.D
 Acq On : 14 Apr 2025 11:06
 Operator : SY/MD
 Sample : VY0414SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0414SBS01

Quant Time: Apr 14 23:29:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 04/15/2025
 Supervised By :Semsettin Yesilyurt 04/15/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	216010	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	334525	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	301802	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	158163	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	118373	50.578	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.160%	
35) Dibromofluoromethane	7.634	113	114916	52.956	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.920%	
50) Toluene-d8	10.109	98	444302	53.820	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.640%	
62) 4-Bromofluorobenzene	12.408	95	151131	54.123	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 108.240%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	40054	17.890	ug/l	98
3) Chloromethane	2.068	50	57106	18.139	ug/l	97
4) Vinyl Chloride	2.202	62	63497	17.835	ug/l	99
5) Bromomethane	2.592	94	46064	18.970	ug/l	98
6) Chloroethane	2.733	64	43342	18.604	ug/l	98
7) Trichlorofluoromethane	3.056	101	87334	19.149	ug/l	100
8) Diethyl Ether	3.452	74	23594	19.023	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.818	101	47066	19.566	ug/l	98
10) Methyl Iodide	4.001	142	48946	18.548	ug/l	100
11) Tert butyl alcohol	4.866	59	12495	82.196	ug/l #	84
12) 1,1-Dichloroethene	3.793	96	42009	18.541	ug/l	97
13) Acrolein	3.653	56	11042	39.781	ug/l	93
14) Allyl chloride	4.379	41	65999	18.270	ug/l	99
15) Acrylonitrile	5.061	53	47202	91.147	ug/l	99
16) Acetone	3.873	43	41557	86.760	ug/l	94
17) Carbon Disulfide	4.104	76	131675	17.644	ug/l	99
18) Methyl Acetate	4.385	43	22312	18.795	ug/l	97
19) Methyl tert-butyl Ether	5.110	73	103783	18.398	ug/l	98
20) Methylene Chloride	4.610	84	52740	20.196	ug/l	98
21) trans-1,2-Dichloroethene	5.110	96	48198	19.321	ug/l	96
22) Diisopropyl ether	6.019	45	146518	19.334	ug/l	98
23) Vinyl Acetate	5.958	43	393025	88.654	ug/l	97
24) 1,1-Dichloroethane	5.915	63	87762	19.368	ug/l	98
25) 2-Butanone	6.896	43	58067	84.875	ug/l	97
26) 2,2-Dichloropropane	6.884	77	80466	19.963	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	55969	19.950	ug/l	96
28) Bromochloromethane	7.244	49	37008	19.365	ug/l	97
29) Tetrahydrofuran	7.262	42	36847	83.685	ug/l	99
30) Chloroform	7.421	83	94079	19.961	ug/l	97
31) Cyclohexane	7.701	56	73610	17.820	ug/l	94
32) 1,1,1-Trichloroethane	7.616	97	83827	19.679	ug/l	98
36) 1,1-Dichloropropene	7.835	75	65141	19.708	ug/l	99
37) Ethyl Acetate	6.988	43	27182	17.425	ug/l	99
38) Carbon Tetrachloride	7.817	117	76529	20.216	ug/l	95
39) Methylcyclohexane	9.110	83	73981	18.737	ug/l	97
40) Benzene	8.079	78	200505	20.256	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041425\
 Data File : VY021867.D
 Acq On : 14 Apr 2025 11:06
 Operator : SY/MD
 Sample : VY0414SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0414SBS01

Quant Time: Apr 14 23:29:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 04/15/2025
 Supervised By :Semsettin Yesilyurt 04/15/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	15444m	18.643	ug/l	
42) 1,2-Dichloroethane	8.158	62	53951	19.334	ug/l	99
43) Isopropyl Acetate	8.195	43	51125	17.295	ug/l	99
44) Trichloroethene	8.866	130	52215	20.703	ug/l	99
45) 1,2-Dichloropropane	9.146	63	47453	20.253	ug/l	99
46) Dibromomethane	9.231	93	27307	20.222	ug/l	97
47) Bromodichloromethane	9.427	83	72051	20.592	ug/l	94
48) Methyl methacrylate	9.225	41	23234	17.125	ug/l	96
49) 1,4-Dioxane	9.225	88	5471	378.208	ug/l	96
51) 4-Methyl-2-Pentanone	10.000	43	136318	88.613	ug/l	99
52) Toluene	10.170	92	127076	20.577	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	59813	19.246	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	70823	19.317	ug/l	96
55) 1,1,2-Trichloroethane	10.573	97	35878	20.646	ug/l	97
56) Ethyl methacrylate	10.439	69	40810	18.392	ug/l	98
57) 1,3-Dichloropropane	10.719	76	60002	19.993	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	103796	95.891	ug/l	98
59) 2-Hexanone	10.762	43	88051	85.944	ug/l	99
60) Dibromochloromethane	10.914	129	47289	19.932	ug/l	99
61) 1,2-Dibromoethane	11.018	107	33081	20.294	ug/l	99
64) Tetrachloroethene	10.646	164	60092	21.862	ug/l	97
65) Chlorobenzene	11.444	112	138866	20.072	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	49969	20.357	ug/l	98
67) Ethyl Benzene	11.524	91	230909	19.464	ug/l	99
68) m/p-Xylenes	11.633	106	182436	40.159	ug/l	99
69) o-Xylene	11.957	106	81443	19.422	ug/l	98
70) Styrene	11.969	104	138284	19.778	ug/l	99
71) Bromoform	12.133	173	28102	20.071	ug/l #	99
73) Isopropylbenzene	12.255	105	221841	18.884	ug/l	99
74) N-amyl acetate	12.072	43	44442	16.120	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.505	83	37672	17.837	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	31289m	19.957	ug/l	
77) Bromobenzene	12.536	156	53793	19.072	ug/l	97
78) n-propylbenzene	12.597	91	270970	19.186	ug/l	99
79) 2-Chlorotoluene	12.682	91	158892	19.370	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	186003	19.373	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	11464	16.848	ug/l	96
82) 4-Chlorotoluene	12.780	91	164857	19.277	ug/l	98
83) tert-Butylbenzene	12.999	119	159804	18.687	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	188502	19.865	ug/l	100
85) sec-Butylbenzene	13.176	105	242157	19.377	ug/l	99
86) p-Isopropyltoluene	13.292	119	202698	19.624	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	110248	19.840	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	108605	19.781	ug/l	97
89) n-Butylbenzene	13.621	91	182734	19.129	ug/l	99
90) Hexachloroethane	13.883	117	44373	19.604	ug/l	98
91) 1,2-Dichlorobenzene	13.664	146	98004	20.260	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	6051	18.485	ug/l	99
93) 1,2,4-Trichlorobenzene	14.926	180	54972	20.955	ug/l	98
94) Hexachlorobutadiene	15.029	225	36366	22.197	ug/l	97
95) Naphthalene	15.151	128	85351	19.629	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	47259	21.126	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041425\
Data File : VY021867.D
Acq On : 14 Apr 2025 11:06
Operator : SY/MD
Sample : VY0414SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 04/15/2025
Supervised By :Semsettin Yesilyurt 04/15/2025

Quant Time: Apr 14 23:29:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041425\
 Data File : VY021867.D
 Acq On : 14 Apr 2025 11:06
 Operator : SY/MD
 Sample : VY0414SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0414SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 04/15/2025
 Supervised By :Semsettin Yesilyurt 04/15/2025

Quant Time: Apr 14 23:29:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

