

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020625\
 Data File : VY021104.D
 Acq On : 06 Feb 2025 10:51
 Operator : SY/MD
 Sample : VY0206SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0206SBS01

Quant Time: Feb 07 02:27:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/07/2025
 Supervised By :Semsettin Yesilyurt 02/07/2025

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	228295	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	354381	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	297436	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	144911	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	118732	50.760	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.520%			
35) Dibromofluoromethane	7.646	113	118850	52.331	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.660%			
50) Toluene-d8	10.115	98	449193	51.952	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.900%			
62) 4-Bromofluorobenzene	12.414	95	149248	52.837	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 105.680%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.873	85	35207	17.303	ug/l	94
3) Chloromethane	2.074	50	37078	18.467	ug/l	100
4) Vinyl Chloride	2.214	62	38151	18.878	ug/l	98
5) Bromomethane	2.605	94	25127	20.116	ug/l	93
6) Chloroethane	2.745	64	24270	20.174	ug/l	98
7) Trichlorofluoromethane	3.068	101	71183	19.333	ug/l	98
8) Diethyl Ether	3.464	74	21186	18.433	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.830	101	43347	18.759	ug/l	95
10) Methyl Iodide	4.019	142	43200	16.828	ug/l	94
11) Tert butyl alcohol	4.872	59	14733	92.948	ug/l #	87
12) 1,1-Dichloroethene	3.799	96	40331	18.528	ug/l	91
13) Acrolein	3.665	56	22692	92.968	ug/l	97
14) Allyl chloride	4.397	41	67594	18.425	ug/l	96
15) Acrylonitrile	5.074	53	43867	91.652	ug/l	99
16) Acetone	3.885	43	32986	90.429	ug/l	92
17) Carbon Disulfide	4.123	76	110087	16.128	ug/l	99
18) Methyl Acetate	4.397	43	22927	17.905	ug/l	99
19) Methyl tert-butyl Ether	5.135	73	102557	18.641	ug/l	98
20) Methylene Chloride	4.635	84	41816	18.440	ug/l	98
21) trans-1,2-Dichloroethene	5.122	96	43183	18.023	ug/l	99
22) Diisopropyl ether	6.031	45	145466	19.237	ug/l	96
23) Vinyl Acetate	5.976	43	385163	91.371	ug/l	100
24) 1,1-Dichloroethane	5.927	63	83045	18.745	ug/l	97
25) 2-Butanone	6.909	43	54780	91.388	ug/l	99
26) 2,2-Dichloropropane	6.896	77	76702	18.711	ug/l	99
27) cis-1,2-Dichloroethene	6.903	96	51831	18.793	ug/l	94
28) Bromochloromethane	7.256	49	35766	20.416	ug/l	98
29) Tetrahydrofuran	7.274	42	36521	90.041	ug/l	96
30) Chloroform	7.433	83	85569	18.804	ug/l	99
31) Cyclohexane	7.713	56	70755	17.735	ug/l #	92
32) 1,1,1-Trichloroethane	7.628	97	79668	18.830	ug/l	99
36) 1,1-Dichloropropene	7.847	75	62105	18.462	ug/l	99
37) Ethyl Acetate	6.994	43	27067	18.342	ug/l	98
38) Carbon Tetrachloride	7.829	117	72408	18.422	ug/l	98
39) Methylcyclohexane	9.116	83	74498	18.105	ug/l	96
40) Benzene	8.091	78	183038	18.541	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020625\
 Data File : VY021104.D
 Acq On : 06 Feb 2025 10:51
 Operator : SY/MD
 Sample : VY0206SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0206SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/07/2025
 Supervised By :Semsettin Yesilyurt 02/07/2025

Quant Time: Feb 07 02:27:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	15404	18.043	ug/l	97
42) 1,2-Dichloroethane	8.171	62	49998	18.258	ug/l	97
43) Isopropyl Acetate	8.207	43	52515	17.909	ug/l	98
44) Trichloroethene	8.872	130	47778	18.733	ug/l	94
45) 1,2-Dichloropropane	9.152	63	43920	18.744	ug/l	97
46) Dibromomethane	9.237	93	23555	18.157	ug/l	95
47) Bromodichloromethane	9.433	83	65285	18.764	ug/l	98
48) Methyl methacrylate	9.231	41	24341	18.224	ug/l	94
49) 1,4-Dioxane	9.244	88	4617	382.294	ug/l	94
51) 4-Methyl-2-Pentanone	10.006	43	129795	88.023	ug/l	99
52) Toluene	10.176	92	117791	19.003	ug/l	97
53) t-1,3-Dichloropropene	10.402	75	57910	18.536	ug/l	95
54) cis-1,3-Dichloropropene	9.865	75	68900	18.626	ug/l	92
55) 1,1,2-Trichloroethane	10.579	97	30695	18.271	ug/l	96
56) Ethyl methacrylate	10.445	69	41989	18.683	ug/l	95
57) 1,3-Dichloropropane	10.725	76	53560	18.419	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	96792	90.528	ug/l	100
59) 2-Hexanone	10.768	43	84757	89.274	ug/l	96
60) Dibromochloromethane	10.920	129	43368	18.382	ug/l	100
61) 1,2-Dibromoethane	11.024	107	28873	18.349	ug/l	99
64) Tetrachloroethene	10.658	164	42130	19.081	ug/l	97
65) Chlorobenzene	11.451	112	125116	18.891	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.524	131	44839	19.051	ug/l	97
67) Ethyl Benzene	11.530	91	224679	19.180	ug/l	99
68) m/p-Xylenes	11.639	106	169115	38.591	ug/l	98
69) o-Xylene	11.963	106	79442	19.444	ug/l	98
70) Styrene	11.981	104	132698	19.487	ug/l	98
71) Bromoform	12.139	173	24694	18.849	ug/l #	97
73) Isopropylbenzene	12.261	105	213827	18.890	ug/l	99
74) N-amyl acetate	12.078	43	44332	17.913	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.517	83	34711	18.438	ug/l	98
76) 1,2,3-Trichloropropane	12.566	75	23072m	17.552	ug/l	
77) Bromobenzene	12.542	156	48442	18.545	ug/l	93
78) n-propylbenzene	12.603	91	257110	19.067	ug/l	97
79) 2-Chlorotoluene	12.688	91	148048	19.170	ug/l	99
80) 1,3,5-Trimethylbenzene	12.749	105	175912	19.168	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	11434	17.749	ug/l	94
82) 4-Chlorotoluene	12.786	91	149561	19.007	ug/l	99
83) tert-Butylbenzene	13.005	119	156433	18.753	ug/l	97
84) 1,2,4-Trimethylbenzene	13.054	105	172065	19.175	ug/l	98
85) sec-Butylbenzene	13.188	105	231786	19.303	ug/l	98
86) p-Isopropyltoluene	13.304	119	191033	19.151	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	94692	18.774	ug/l	99
88) 1,4-Dichlorobenzene	13.377	146	94865	19.102	ug/l	99
89) n-Butylbenzene	13.627	91	173154	19.028	ug/l	99
90) Hexachloroethane	13.889	117	39420	18.944	ug/l	88
91) 1,2-Dichlorobenzene	13.670	146	82314	18.803	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.285	75	4974	17.681	ug/l	99
93) 1,2,4-Trichlorobenzene	14.932	180	45400	18.631	ug/l	98
94) Hexachlorobutadiene	15.035	225	31175	19.306	ug/l	98
95) Naphthalene	15.157	128	75331	19.323	ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	37529	18.507	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020625\
Data File : VY021104.D
Acq On : 06 Feb 2025 10:51
Operator : SY/MD
Sample : VY0206SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0206SBS01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025

Quant Time: Feb 07 02:27:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

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

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

