

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010825\
 Data File : VY020801.D
 Acq On : 08 Jan 2025 10:57
 Operator : SY/MD
 Sample : VY0108SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0108SBS01

Quant Time: Jan 09 00:17:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 01:31:46 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/09/2025
 Supervised By :Semsettin Yesilyurt 01/09/2025

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

Internal Standards						
1) Pentafluorobenzene	7.725	168	191071	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.627	114	284373	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.432	117	235702	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.358	152	114996	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.079	65	80452	49.538	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.080%
35) Dibromofluoromethane	7.658	113	86030	48.289	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.580%
50) Toluene-d8	10.121	98	330646	53.239	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.480%
62) 4-Bromofluorobenzene	12.419	95	108941	47.501	ug/l	0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	=	95.000%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.879	85	25916	18.482	ug/l	99
3) Chloromethane	2.086	50	15971	21.631	ug/l	94
4) Vinyl Chloride	2.220	62	18145	22.107	ug/l	98
5) Bromomethane	2.610	94	11426	19.545	ug/l	95
6) Chloroethane	2.750	64	11771	23.254	ug/l	97
7) Trichlorofluoromethane	3.080	101	49160	19.515	ug/l	97
8) Diethyl Ether	3.476	74	14580	18.508	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.842	101	34062	20.023	ug/l	98
10) Methyl Iodide	4.031	142	35445	19.443	ug/l	97
11) Tert butyl alcohol	4.896	59	10358	84.406	ug/l #	90
12) 1,1-Dichloroethene	3.817	96	29145	19.560	ug/l	96
13) Acrolein	3.677	56	4029	116.910	ug/l	97
14) Allyl chloride	4.409	41	43858	20.402	ug/l	95
15) Acrylonitrile	5.085	53	32059	95.755	ug/l	99
16) Acetone	3.903	43	22381	96.912	ug/l	92
17) Carbon Disulfide	4.128	76	57297	17.726	ug/l	98
18) Methyl Acetate	4.415	43	14558	18.670	ug/l	98
19) Methyl tert-butyl Ether	5.140	73	79140	18.820	ug/l	100
20) Methylene Chloride	4.646	84	31977	20.050	ug/l	96
21) trans-1,2-Dichloroethene	5.146	96	32240	19.648	ug/l	98
22) Diisopropyl ether	6.043	45	98914	21.600	ug/l	99
23) Vinyl Acetate	5.982	43	254134	100.652	ug/l	98
24) 1,1-Dichloroethane	5.945	63	62003	20.522	ug/l	98
25) 2-Butanone	6.920	43	35645	93.961	ug/l	100
26) 2,2-Dichloropropane	6.908	77	60314	19.228	ug/l	100
27) cis-1,2-Dichloroethene	6.914	96	40742	19.679	ug/l	98
28) Bromochloromethane	7.268	49	15298	18.765	ug/l	93
29) Tetrahydrofuran	7.286	42	23659	97.629	ug/l	97
30) Chloroform	7.439	83	68992	20.024	ug/l	98
31) Cyclohexane	7.725	56	46008	19.469	ug/l	97
32) 1,1,1-Trichloroethane	7.640	97	64982	19.336	ug/l	100
36) 1,1-Dichloropropene	7.859	75	44993	19.800	ug/l	100
37) Ethyl Acetate	7.006	43	17632	19.498	ug/l	97
38) Carbon Tetrachloride	7.835	117	59863	18.925	ug/l	98
39) Methylcyclohexane	9.121	83	53591	19.219	ug/l	95
40) Benzene	8.097	78	140409	20.132	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010825\
 Data File : VY020801.D
 Acq On : 08 Jan 2025 10:57
 Operator : SY/MD
 Sample : VY0108SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0108SBS01

Quant Time: Jan 09 00:17:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 01:31:46 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/09/2025
 Supervised By :Semsettin Yesilyurt 01/09/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.237	41	8108	15.656	ug/l #	75
42) 1,2-Dichloroethane	8.176	62	36550	19.190	ug/l	99
43) Isopropyl Acetate	8.213	43	35502	19.302	ug/l #	86
44) Trichloroethene	8.877	130	37598	19.339	ug/l	90
45) 1,2-Dichloropropane	9.158	63	32923	20.823	ug/l	98
46) Dibromomethane	9.249	93	17999	19.825	ug/l	96
47) Bromodichloromethane	9.438	83	51094	19.650	ug/l	99
48) Methyl methacrylate	9.231	41	15178	18.407	ug/l	97
49) 1,4-Dioxane	9.255	88	3781	392.234	ug/l #	92
51) 4-Methyl-2-Pentanone	10.011	43	87627	95.361	ug/l	99
52) Toluene	10.182	92	92853	20.105	ug/l	98
53) t-1,3-Dichloropropene	10.408	75	45438	19.648	ug/l	99
54) cis-1,3-Dichloropropene	9.871	75	53411	19.886	ug/l	96
55) 1,1,2-Trichloroethane	10.584	97	25678	19.797	ug/l	99
56) Ethyl methacrylate	10.450	69	30788	18.795	ug/l	98
57) 1,3-Dichloropropane	10.731	76	42218	19.968	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.725	63	59488	91.541	ug/l	96
59) 2-Hexanone	10.773	43	55916	94.851	ug/l	97
60) Dibromochloromethane	10.926	129	36491	19.398	ug/l	100
61) 1,2-Dibromoethane	11.029	107	23326	20.031	ug/l	97
64) Tetrachloroethene	10.664	164	33658	19.423	ug/l	96
65) Chlorobenzene	11.456	112	104088	19.973	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.529	131	38531	19.422	ug/l	98
67) Ethyl Benzene	11.529	91	180171	19.969	ug/l	97
68) m/p-Xylenes	11.639	106	138610	39.901	ug/l	98
69) o-Xylene	11.968	106	65935	20.018	ug/l	98
70) Styrene	11.980	104	109653	19.777	ug/l	99
71) Bromoform	12.145	173	21510	19.072	ug/l #	99
73) Isopropylbenzene	12.267	105	181055	19.846	ug/l	100
74) N-amyl acetate	12.084	43	28404	19.034	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.517	83	27427	19.836	ug/l	99
76) 1,2,3-Trichloropropane	12.572	75	20419m	20.293	ug/l	
77) Bromobenzene	12.547	156	41145	19.562	ug/l	98
78) n-propylbenzene	12.608	91	208753	20.160	ug/l	99
79) 2-Chlorotoluene	12.694	91	119513	20.042	ug/l	100
80) 1,3,5-Trimethylbenzene	12.749	105	147562	19.959	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.316	75	8827	18.498	ug/l	96
82) 4-Chlorotoluene	12.791	91	124655	20.257	ug/l	99
83) tert-Butylbenzene	13.011	119	139444	20.166	ug/l	97
84) 1,2,4-Trimethylbenzene	13.060	105	144120	19.962	ug/l	99
85) sec-Butylbenzene	13.188	105	196423	20.336	ug/l	99
86) p-Isopropyltoluene	13.303	119	164911	20.015	ug/l	99
87) 1,3-Dichlorobenzene	13.303	146	79651	19.490	ug/l	98
88) 1,4-Dichlorobenzene	13.383	146	78714	19.566	ug/l	98
89) n-Butylbenzene	13.633	91	143864	20.126	ug/l	100
90) Hexachloroethane	13.895	117	32376	19.569	ug/l	99
91) 1,2-Dichlorobenzene	13.675	146	70132	19.626	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.291	75	3837	17.162	ug/l	96
93) 1,2,4-Trichlorobenzene	14.937	180	37681	18.323	ug/l	99
94) Hexachlorobutadiene	15.041	225	28239	19.479	ug/l	97
95) Naphthalene	15.163	128	56845	16.795	ug/l	100
96) 1,2,3-Trichlorobenzene	15.346	180	29783	17.287	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010825\
Data File : VY020801.D
Acq On : 08 Jan 2025 10:57
Operator : SY/MD
Sample : VY0108SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0108SBS01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025

Quant Time: Jan 09 00:17:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 01:31:46 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\VY010825\
Data File : VY020801.D
Acq On : 08 Jan 2025 10:57
Operator : SY/MD
Sample : VY0108SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0108SBS01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/09/2025
Supervised By :Semsettin Yesilyurt 01/09/2025

Quant Time: Jan 09 00:17:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 01:31:46 2025
Response via : Initial Calibration

