

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010625\
 Data File : VY020783.D
 Acq On : 06 Jan 2025 14:58
 Operator : SY/MD
 Sample : VY0106SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0106SBS01

Quant Time: Jan 07 02:01:57 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 01/07/2025
 Supervised By :Semsettin Yesilyurt 01/07/2025

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

Internal Standards						
1) Pentafluorobenzene	7.726	168	188303	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.628	114	276799	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	230422	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	114569	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	84920	53.058	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.120%
35) Dibromofluoromethane	7.652	113	89733	51.745	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.500%
50) Toluene-d8	10.115	98	349800	57.864	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	115.720%
62) 4-Bromofluorobenzene	12.414	95	114976	51.504	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	103.000%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	27843	20.148	ug/l	98
3) Chloromethane	2.080	50	14836	20.389	ug/l	96
4) Vinyl Chloride	2.214	62	16644	20.576	ug/l	94
5) Bromomethane	2.611	94	11309	19.629	ug/l	98
6) Chloroethane	2.751	64	10185	20.416	ug/l	97
7) Trichlorofluoromethane	3.074	101	49445	19.917	ug/l	95
8) Diethyl Ether	3.470	74	15119	19.474	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.836	101	33681	20.090	ug/l	99
10) Methyl Iodide	4.025	142	33125	18.437	ug/l	97
11) Tert butyl alcohol	4.891	59	11108	91.848	ug/l #	73
12) 1,1-Dichloroethene	3.806	96	28634	19.500	ug/l	93
13) Acrolein	3.671	56	3970	116.891	ug/l	93
14) Allyl chloride	4.403	41	42282	19.958	ug/l	97
15) Acrylonitrile	5.086	53	31270	94.771	ug/l	97
16) Acetone	3.885	43	20573	90.393	ug/l	93
17) Carbon Disulfide	4.123	76	57315	17.992	ug/l	98
18) Methyl Acetate	4.409	43	14484	18.848	ug/l	98
19) Methyl tert-butyl Ether	5.141	73	77934	18.806	ug/l	99
20) Methylene Chloride	4.635	84	31107	19.791	ug/l	97
21) trans-1,2-Dichloroethene	5.141	96	30982	19.159	ug/l	97
22) Diisopropyl ether	6.043	45	92698	20.541	ug/l	99
23) Vinyl Acetate	5.976	43	244645	98.318	ug/l	97
24) 1,1-Dichloroethane	5.939	63	58880	19.775	ug/l	99
25) 2-Butanone	6.909	43	34397	92.004	ug/l	98
26) 2,2-Dichloropropane	6.903	77	61174	19.788	ug/l	98
27) cis-1,2-Dichloroethene	6.909	96	40395	19.799	ug/l	99
28) Bromochloromethane	7.262	49	12152	15.125	ug/l	98
29) Tetrahydrofuran	7.281	42	21811	91.326	ug/l	99
30) Chloroform	7.439	83	67000	19.732	ug/l	94
31) Cyclohexane	7.713	56	45672	19.611	ug/l	96
32) 1,1,1-Trichloroethane	7.634	97	66290	20.015	ug/l	99
36) 1,1-Dichloropropene	7.854	75	43737	19.774	ug/l	99
37) Ethyl Acetate	7.006	43	16951	19.258	ug/l	97
38) Carbon Tetrachloride	7.835	117	59726	19.398	ug/l	94
39) Methylcyclohexane	9.122	83	53516	19.717	ug/l	98
40) Benzene	8.091	78	136079	20.045	ug/l	99

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41) Methacrylonitrile	7.238	41	10063	19.963	ug/l	93
42) 1,2-Dichloroethane	8.171	62	36242	19.549	ug/l	98
43) Isopropyl Acetate	8.207	43	33876	18.922	ug/l	99
44) Trichloroethene	8.878	130	37786	19.967	ug/l	97
45) 1,2-Dichloropropane	9.152	63	31426	20.420	ug/l	98
46) Dibromomethane	9.244	93	17500	19.802	ug/l	96
47) Bromodichloromethane	9.433	83	49520	19.566	ug/l	97
48) Methyl methacrylate	9.231	41	15044	18.743	ug/l	95
49) 1,4-Dioxane	9.244	88	3451	367.796	ug/l	92
51) 4-Methyl-2-Pentanone	10.006	43	85267	95.332	ug/l	100
52) Toluene	10.182	92	90275	20.082	ug/l	98
53) t-1,3-Dichloropropene	10.402	75	44490	19.764	ug/l	98
54) cis-1,3-Dichloropropene	9.865	75	51765	19.801	ug/l	97
55) 1,1,2-Trichloroethane	10.585	97	24715	19.576	ug/l	99
56) Ethyl methacrylate	10.451	69	30827	19.334	ug/l	98
57) 1,3-Dichloropropane	10.731	76	40416	19.639	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.719	63	51823	81.928	ug/l	100
59) 2-Hexanone	10.768	43	52891	92.175	ug/l	100
60) Dibromochloromethane	10.920	129	35374	19.319	ug/l	99
61) 1,2-Dibromoethane	11.024	107	22230	19.613	ug/l	97
64) Tetrachloroethene	10.658	164	33288	19.649	ug/l	98
65) Chlorobenzene	11.451	112	102364	20.093	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.524	131	38764	19.987	ug/l	99
67) Ethyl Benzene	11.530	91	178186	20.202	ug/l	99
68) m/p-Xylenes	11.640	106	135605	39.931	ug/l	100
69) o-Xylene	11.963	106	65666	20.394	ug/l	97
70) Styrene	11.981	104	109771	20.252	ug/l	99
71) Bromoform	12.146	173	20898	18.954	ug/l #	99
73) Isopropylbenzene	12.267	105	181404	19.959	ug/l	100
74) N-amyl acetate	12.078	43	28239	18.994	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.517	83	26091	18.940	ug/l	99
76) 1,2,3-Trichloropropane	12.566	75	22795m	22.739	ug/l	
77) Bromobenzene	12.542	156	40674	19.410	ug/l	99
78) n-propylbenzene	12.603	91	210043	20.360	ug/l	100
79) 2-Chlorotoluene	12.688	91	120688	20.315	ug/l	99
80) 1,3,5-Trimethylbenzene	12.749	105	147962	20.088	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	9388	19.746	ug/l	99
82) 4-Chlorotoluene	12.792	91	124019	20.228	ug/l	100
83) tert-Butylbenzene	13.011	119	142480	20.682	ug/l	96
84) 1,2,4-Trimethylbenzene	13.054	105	145195	20.186	ug/l	99
85) sec-Butylbenzene	13.188	105	196730	20.444	ug/l	100
86) p-Isopropyltoluene	13.304	119	169050	20.593	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	80267	19.713	ug/l	99
88) 1,4-Dichlorobenzene	13.377	146	80127	19.992	ug/l	99
89) n-Butylbenzene	13.627	91	145271	20.399	ug/l	100
90) Hexachloroethane	13.889	117	32612	19.785	ug/l	100
91) 1,2-Dichlorobenzene	13.670	146	70592	19.829	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.285	75	3818	17.141	ug/l	95
93) 1,2,4-Trichlorobenzene	14.932	180	41174	20.096	ug/l	100
94) Hexachlorobutadiene	15.035	225	30040	20.798	ug/l	99
95) Naphthalene	15.157	128	63222	18.749	ug/l	99
96) 1,2,3-Trichlorobenzene	15.346	180	34128	19.882	ug/l	97

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

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