

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010725\
 Data File : VY020791.D
 Acq On : 07 Jan 2025 14:09
 Operator : SY/MD
 Sample : VY0107SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0107SBS01

Quant Time: Jan 08 00:52:47 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 : Semsettin Yesilyurt 01/09/2025
 Supervised By : Mahesh Dadoda 01/09/2025

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

Internal Standards						
1) Pentafluorobenzene	7.731	168	208320	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.634	114	304440	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.432	117	244590	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.365	152	116921	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.079	65	74782	42.234	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery =	84.460%		
35) Dibromofluoromethane	7.658	113	82452	43.230	ug/l	0.02
Spiked Amount 50.000	Range 54 - 147		Recovery =	86.460%		
50) Toluene-d8	10.121	98	322668	48.530	ug/l	0.01
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.060%		
62) 4-Bromofluorobenzene	12.420	95	101785	41.455	ug/l	0.01
Spiked Amount 50.000	Range 29 - 146		Recovery =	82.920%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.879	85	26554	17.369	ug/l	99
3) Chloromethane	2.086	50	15460	19.205	ug/l	99
4) Vinyl Chloride	2.226	62	17145	19.159	ug/l	99
5) Bromomethane	2.616	94	11433	17.938	ug/l	100
6) Chloroethane	2.757	64	10799	19.567	ug/l	92
7) Trichlorofluoromethane	3.086	101	49490	18.019	ug/l	97
8) Diethyl Ether	3.476	74	13699	15.950	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.842	101	33303	17.956	ug/l	99
10) Methyl Iodide	4.031	142	34304	17.259	ug/l	98
11) Tert butyl alcohol	4.903	59	8578	64.113	ug/l #	92
12) 1,1-Dichloroethene	3.811	96	28932	17.809	ug/l	92
13) Acrolein	3.683	56	3530	93.949	ug/l	93
14) Allyl chloride	4.415	41	41758	17.817	ug/l	96
15) Acrylonitrile	5.092	53	27122	74.301	ug/l	99
16) Acetone	3.897	43	19117	75.924	ug/l	94
17) Carbon Disulfide	4.141	76	57339	16.270	ug/l	97
18) Methyl Acetate	4.415	43	13244	15.578	ug/l	95
19) Methyl tert-butyl Ether	5.140	73	71551	15.606	ug/l	98
20) Methylene Chloride	4.647	84	30199	17.367	ug/l	96
21) trans-1,2-Dichloroethene	5.146	96	30996	17.326	ug/l	97
22) Diisopropyl ether	6.043	45	89900	18.006	ug/l	94
23) Vinyl Acetate	5.988	43	222404	80.792	ug/l	99
24) 1,1-Dichloroethane	5.945	63	58449	17.744	ug/l	98
25) 2-Butanone	6.914	43	30440	73.596	ug/l	95
26) 2,2-Dichloropropane	6.914	77	60278	17.625	ug/l	99
27) cis-1,2-Dichloroethene	6.914	96	38150	16.902	ug/l	96
28) Bromochloromethane	7.268	49	14433	16.238	ug/l	96
29) Tetrahydrofuran	7.286	42	19177	72.582	ug/l	97
30) Chloroform	7.439	83	64402	17.144	ug/l	97
31) Cyclohexane	7.725	56	45659	17.721	ug/l	96
32) 1,1,1-Trichloroethane	7.640	97	64135	17.504	ug/l	99
36) 1,1-Dichloropropene	7.853	75	43843	18.022	ug/l	99
37) Ethyl Acetate	7.006	43	14304	14.775	ug/l	99
38) Carbon Tetrachloride	7.835	117	59819	17.665	ug/l	98
39) Methylcyclohexane	9.127	83	53036	17.766	ug/l	95
40) Benzene	8.097	78	132124	17.696	ug/l	99

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41) Methacrylonitrile	7.250	41	8868	15.995	ug/l	97
42) 1,2-Dichloroethane	8.176	62	33601	16.479	ug/l	100
43) Isopropyl Acetate	8.213	43	29897	15.183	ug/l	97
44) Trichloroethene	8.884	130	36288	17.434	ug/l	98
45) 1,2-Dichloropropane	9.158	63	30690	18.131	ug/l	99
46) Dibromomethane	9.249	93	16007	16.468	ug/l	97
47) Bromodichloromethane	9.438	83	47083	16.914	ug/l	97
48) Methyl methacrylate	9.237	41	12713	14.401	ug/l	95
49) 1,4-Dioxane	9.249	88	3081	298.550	ug/l	97
51) 4-Methyl-2-Pentanone	10.011	43	71205	72.382	ug/l	99
52) Toluene	10.188	92	88054	17.809	ug/l	99
53) t-1,3-Dichloropropene	10.408	75	40331	16.290	ug/l	100
54) cis-1,3-Dichloropropene	9.871	75	47416	16.490	ug/l	98
55) 1,1,2-Trichloroethane	10.585	97	22314	16.069	ug/l	96
56) Ethyl methacrylate	10.450	69	26886	15.331	ug/l	96
57) 1,3-Dichloropropane	10.731	76	36828	16.271	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.725	63	49968	71.824	ug/l	99
59) 2-Hexanone	10.774	43	44637	70.727	ug/l	98
60) Dibromochloromethane	10.926	129	32748	16.261	ug/l	99
61) 1,2-Dibromoethane	11.030	107	19922	15.980	ug/l	99
64) Tetrachloroethene	10.658	164	32475	18.059	ug/l	98
65) Chlorobenzene	11.456	112	96708	17.883	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.529	131	35681	17.332	ug/l	96
67) Ethyl Benzene	11.536	91	170957	18.259	ug/l	100
68) m/p-Xylenes	11.639	106	129760	35.996	ug/l	99
69) o-Xylene	11.968	106	62763	18.363	ug/l	96
70) Styrene	11.981	104	101727	17.681	ug/l	100
71) Bromoform	12.145	173	18362	15.690	ug/l #	100
73) Isopropylbenzene	12.267	105	173754	18.732	ug/l	100
74) N-amyl acetate	12.084	43	23819	15.699	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.523	83	23110	16.438	ug/l	98
76) 1,2,3-Trichloropropane	12.572	75	17831m	17.430	ug/l	
77) Bromobenzene	12.548	156	37749	17.652	ug/l	100
78) n-propylbenzene	12.609	91	201600	19.149	ug/l	98
79) 2-Chlorotoluene	12.694	91	112611	18.574	ug/l	100
80) 1,3,5-Trimethylbenzene	12.749	105	140055	18.632	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.316	75	7274	14.992	ug/l	99
82) 4-Chlorotoluene	12.791	91	112941	18.051	ug/l	98
83) tert-Butylbenzene	13.011	119	131466	18.699	ug/l	99
84) 1,2,4-Trimethylbenzene	13.060	105	135866	18.509	ug/l	98
85) sec-Butylbenzene	13.188	105	188520	19.197	ug/l	99
86) p-Isopropyltoluene	13.304	119	156455	18.676	ug/l	100
87) 1,3-Dichlorobenzene	13.304	146	74940	18.035	ug/l	99
88) 1,4-Dichlorobenzene	13.383	146	72818	17.803	ug/l	99
89) n-Butylbenzene	13.633	91	137788	18.959	ug/l	100
90) Hexachloroethane	13.895	117	30836	18.331	ug/l	99
91) 1,2-Dichlorobenzene	13.675	146	63688	17.530	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.291	75	3047	13.404	ug/l	97
93) 1,2,4-Trichlorobenzene	14.937	180	34746	16.618	ug/l	100
94) Hexachlorobutadiene	15.041	225	27771	18.840	ug/l	99
95) Naphthalene	15.163	128	49844	14.484	ug/l	99
96) 1,2,3-Trichlorobenzene	15.346	180	27967	15.965	ug/l	98

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