

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011725\
 Data File : VY020842.D
 Acq On : 17 Jan 2025 09:17
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 17 23:19:53 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 01/20/2025
 Supervised By :Semsettin Yesilyurt 01/21/2025

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

Internal Standards						
1) Pentafluorobenzene	7.726	168	245039	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.628	114	356693	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	293536	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	144367	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.079	65	95903	46.046	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.100%		
35) Dibromofluoromethane	7.652	113	105999	47.434	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.860%		
50) Toluene-d8	10.121	98	404503	51.926	ug/l	0.01
Spiked Amount 50.000	Range 58 - 134		Recovery =	103.860%		
62) 4-Bromofluorobenzene	12.420	95	136188	47.341	ug/l	0.01
Spiked Amount 50.000	Range 29 - 146		Recovery =	94.680%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	76516	42.549	ug/l	96
3) Chloromethane	2.080	50	47737	50.415	ug/l	98
4) Vinyl Chloride	2.220	62	58073	55.171	ug/l	98
5) Bromomethane	2.617	94	36209	48.297	ug/l	98
6) Chloroethane	2.757	64	36550	56.303	ug/l	95
7) Trichlorofluoromethane	3.080	101	153435	47.494	ug/l	95
8) Diethyl Ether	3.470	74	47377	46.895	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.836	101	106696	48.906	ug/l	99
10) Methyl Iodide	4.025	142	114065	48.788	ug/l	95
11) Tert butyl alcohol	4.891	59	31983	203.224	ug/l	99
12) 1,1-Dichloroethene	3.812	96	94158	49.275	ug/l	100
13) Acrolein	3.671	56	6076	137.477	ug/l	96
14) Allyl chloride	4.409	41	137475	49.867	ug/l	94
15) Acrylonitrile	5.086	53	97583	227.271	ug/l	99
16) Acetone	3.885	43	64773	218.701	ug/l	98
17) Carbon Disulfide	4.129	76	203171	49.011	ug/l	99
18) Methyl Acetate	4.403	43	49282	49.281	ug/l	96
19) Methyl tert-butyl Ether	5.135	73	243575	45.167	ug/l	98
20) Methylene Chloride	4.641	84	97300	47.571	ug/l	99
21) trans-1,2-Dichloroethene	5.141	96	99403	47.237	ug/l	98
22) Diisopropyl ether	6.037	45	297953	50.735	ug/l	99
23) Vinyl Acetate	5.982	43	774567	239.210	ug/l	98
24) 1,1-Dichloroethane	5.939	63	183422	47.340	ug/l	99
25) 2-Butanone	6.915	43	110006	226.112	ug/l	99
26) 2,2-Dichloropropane	6.909	77	184694	45.911	ug/l	100
27) cis-1,2-Dichloroethene	6.909	96	124456	46.875	ug/l	100
28) Bromochloromethane	7.268	49	55552	53.134	ug/l	95
29) Tetrahydrofuran	7.281	42	72713	233.967	ug/l	95
30) Chloroform	7.439	83	200402	45.355	ug/l	98
31) Cyclohexane	7.720	56	144403	47.648	ug/l	98
32) 1,1,1-Trichloroethane	7.634	97	192027	44.554	ug/l	100
36) 1,1-Dichloropropene	7.854	75	136894	48.028	ug/l	100
37) Ethyl Acetate	7.006	43	51237	45.172	ug/l	99
38) Carbon Tetrachloride	7.835	117	180098	45.392	ug/l	99
39) Methylcyclohexane	9.122	83	172638	49.358	ug/l	97
40) Benzene	8.097	78	420260	48.041	ug/l	98

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41) Methacrylonitrile	7.238	41	31499	48.490	ug/l	98
42) 1,2-Dichloroethane	8.177	62	105572	44.192	ug/l	99
43) Isopropyl Acetate	8.213	43	106252	46.055	ug/l	99
44) Trichloroethene	8.878	130	114600	46.993	ug/l	97
45) 1,2-Dichloropropane	9.152	63	97219	49.022	ug/l	94
46) Dibromomethane	9.244	93	53034	46.570	ug/l	98
47) Bromodichloromethane	9.439	83	150622	46.182	ug/l	98
48) Methyl methacrylate	9.231	41	49738	48.089	ug/l	97
49) 1,4-Dioxane	9.250	88	10493	867.825	ug/l	93
51) 4-Methyl-2-Pentanone	10.012	43	270199	234.430	ug/l	100
52) Toluene	10.182	92	274035	47.306	ug/l	100
53) t-1,3-Dichloropropene	10.408	75	134431	46.343	ug/l	98
54) cis-1,3-Dichloropropene	9.865	75	160205	47.554	ug/l	98
55) 1,1,2-Trichloroethane	10.585	97	75126	46.176	ug/l	97
56) Ethyl methacrylate	10.451	69	97929	47.661	ug/l	97
57) 1,3-Dichloropropane	10.731	76	124590	46.980	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.725	63	179110	219.736	ug/l	98
59) 2-Hexanone	10.774	43	175583	237.456	ug/l	99
60) Dibromochloromethane	10.926	129	107092	45.386	ug/l	98
61) 1,2-Dibromoethane	11.030	107	66677	45.650	ug/l	100
64) Tetrachloroethene	10.658	164	102558	47.522	ug/l	98
65) Chlorobenzene	11.457	112	306090	47.163	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.530	131	112831	45.668	ug/l	97
67) Ethyl Benzene	11.530	91	537940	47.875	ug/l	99
68) m/p-Xylenes	11.640	106	409880	94.744	ug/l	98
69) o-Xylene	11.969	106	195015	47.543	ug/l	98
70) Styrene	11.981	104	327396	47.416	ug/l	99
71) Bromoform	12.146	173	63398	45.138	ug/l #	99
73) Isopropylbenzene	12.267	105	536605	46.853	ug/l	100
74) N-ethyl acetate	12.078	43	92029	49.124	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.517	83	80282	46.249	ug/l	99
76) 1,2,3-Trichloropropane	12.566	75	58199m	46.073	ug/l	
77) Bromobenzene	12.542	156	122477	46.383	ug/l	99
78) n-propylbenzene	12.609	91	619765	47.676	ug/l	100
79) 2-Chlorotoluene	12.694	91	351081	46.898	ug/l	100
80) 1,3,5-Trimethylbenzene	12.749	105	435766	46.949	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.316	75	27229	45.451	ug/l	98
82) 4-Chlorotoluene	12.792	91	359550	46.541	ug/l	99
83) tert-Butylbenzene	13.011	119	410523	47.290	ug/l	96
84) 1,2,4-Trimethylbenzene	13.054	105	426405	47.045	ug/l	100
85) sec-Butylbenzene	13.188	105	578008	47.668	ug/l	100
86) p-Isopropyltoluene	13.304	119	488825	47.257	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	238570	46.499	ug/l	100
88) 1,4-Dichlorobenzene	13.377	146	234867	46.504	ug/l	99
89) n-Butylbenzene	13.627	91	429952	47.912	ug/l	99
90) Hexachloroethane	13.889	117	96398	46.411	ug/l	99
91) 1,2-Dichlorobenzene	13.670	146	209970	46.806	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.285	75	11652	41.515	ug/l	98
93) 1,2,4-Trichlorobenzene	14.932	180	128474	49.764	ug/l	99
94) Hexachlorobutadiene	15.035	225	86446	47.497	ug/l	99
95) Naphthalene	15.157	128	204142	48.044	ug/l	100
96) 1,2,3-Trichlorobenzene	15.340	180	107021	49.479	ug/l	98

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

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