

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022625\
 Data File : VY021342.D
 Acq On : 26 Feb 2025 19:21
 Operator : SY/MD
 Sample : Q1380-07MS
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-VPB-192-GW-725-727MS

Quant Time: Feb 27 00:42:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 26 02:09:13 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 02/27/2025
 Supervised By :Mahesh Dadoda 02/27/2025

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	157236	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	260195	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	210847	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	76053	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	72971	40.910	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	81.820%		
35) Dibromofluoromethane	7.634	113	68031	39.881	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	79.760%		
50) Toluene-d8	10.109	98	240193	36.433	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	72.860%		
62) 4-Bromofluorobenzene	12.407	95	69748	31.436	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	62.880%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.861	85	61061	40.959	ug/l	97
3) Chloromethane	2.068	50	75807	39.374	ug/l	96
4) Vinyl Chloride	2.202	62	78401	41.488	ug/l	96
5) Bromomethane	2.598	94	51516	41.023	ug/l	97
6) Chloroethane	2.732	64	50624	43.200	ug/l	100
7) Trichlorofluoromethane	3.062	101	121867	42.702	ug/l	96
8) Diethyl Ether	3.452	74	36706	42.853	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.818	101	66141	40.030	ug/l	100
10) Methyl Iodide	4.000	142	77342	44.492	ug/l	99
11) Tert butyl alcohol	4.848	59	21669	157.938	ug/l	99
12) 1,1-Dichloroethene	3.787	96	66249	41.875	ug/l	96
13) Acrolein	3.653	56	4021	38.245	ug/l	94
14) Allyl chloride	4.385	41	116238	41.440	ug/l	98
15) Acrylonitrile	5.055	53	78167	206.399	ug/l	98
16) Acetone	3.866	43	66220	193.537	ug/l	96
17) Carbon Disulfide	4.104	76	223679	42.578	ug/l	100
18) Methyl Acetate	4.385	43	34298	41.017	ug/l	98
19) Methyl tert-butyl Ether	5.122	73	179116	42.851	ug/l	100
20) Methylene Chloride	4.616	84	81543	44.072	ug/l	98
21) trans-1,2-Dichloroethene	5.110	96	72991	41.909	ug/l	99
22) Diisopropyl ether	6.018	45	253120	43.608	ug/l	99
23) Vinyl Acetate	5.957	43	720641	207.762	ug/l	100
24) 1,1-Dichloroethane	5.915	63	141491	43.249	ug/l	99
25) 2-Butanone	6.896	43	97484	188.778	ug/l	97
26) 2,2-Dichloropropane	6.884	77	116141	39.124	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	86167	43.326	ug/l	97
28) Bromochloromethane	7.244	49	57642	39.820	ug/l	97
29) Tetrahydrofuran	7.256	42	65801	194.942	ug/l	99
30) Chloroform	7.421	83	144111	43.472	ug/l	98
31) Cyclohexane	7.701	56	101332	32.222	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	128495	42.585	ug/l	98
36) 1,1-Dichloropropene	7.835	75	97595	38.087	ug/l	100
37) Ethyl Acetate	6.982	43	46381	36.388	ug/l	99
38) Carbon Tetrachloride	7.817	117	112360	39.004	ug/l	99
39) Methylcyclohexane	9.109	83	75862	23.407	ug/l	98
40) Benzene	8.079	78	305903	40.385	ug/l	98

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41) Methacrylonitrile	7.213	41	21421	30.058	ug/l #	77
42) 1,2-Dichloroethane	8.158	62	88913	41.373	ug/l	99
43) Isopropyl Acetate	8.195	43	93368	37.845	ug/l	98
44) Trichloroethene	8.865	130	72832	38.405	ug/l	98
45) 1,2-Dichloropropane	9.140	63	74364	40.795	ug/l	95
46) Dibromomethane	9.231	93	41712	41.862	ug/l	99
47) Bromodichloromethane	9.426	83	110838	41.719	ug/l	96
48) Methyl methacrylate	9.219	41	44133	38.254	ug/l	96
49) 1,4-Dioxane	9.231	88	8526	769.549	ug/l	97
51) 4-Methyl-2-Pentanone	9.999	43	231679	183.451	ug/l	100
52) Toluene	10.170	92	183630	39.024	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	94800	38.946	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	112176	39.037	ug/l	99
55) 1,1,2-Trichloroethane	10.572	97	53062	40.878	ug/l	98
56) Ethyl methacrylate	10.438	69	69781	38.906	ug/l	100
57) 1,3-Dichloropropane	10.713	76	93102	40.874	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	5592	6.496	ug/l	99
59) 2-Hexanone	10.761	43	149683	180.470	ug/l	100
60) Dibromochloromethane	10.908	129	71421	40.400	ug/l	99
61) 1,2-Dibromoethane	11.017	107	50162	40.819	ug/l	99
64) Tetrachloroethene	10.646	164	57467	36.059	ug/l	96
65) Chlorobenzene	11.438	112	182843	38.632	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	70727	42.677	ug/l	99
67) Ethyl Benzene	11.517	91	314620	37.529	ug/l	100
68) m/p-Xylenes	11.627	106	228225	72.376	ug/l	100
69) o-Xylene	11.950	106	111364	37.699	ug/l	99
70) Styrene	11.969	104	126425	25.722	ug/l	95
71) Bromoform	12.133	173	39491	41.654	ug/l #	99
73) Isopropylbenzene	12.255	105	253772	44.384	ug/l	99
74) N-amyl acetate	12.072	43	76847	52.878	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	57034	56.521	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	41335m	54.299	ug/l	
77) Bromobenzene	12.529	156	65189	49.018	ug/l	100
78) n-propylbenzene	12.596	91	264648	38.144	ug/l	100
79) 2-Chlorotoluene	12.682	91	170166	42.735	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	174002	37.106	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	17347	50.649	ug/l	95
82) 4-Chlorotoluene	12.779	91	166815	40.414	ug/l	99
83) tert-Butylbenzene	12.999	119	154167	36.395	ug/l	98
84) 1,2,4-Trimethylbenzene	13.041	105	176279	37.797	ug/l	99
85) sec-Butylbenzene	13.176	105	176198	28.477	ug/l	99
86) p-Isopropyltoluene	13.291	119	143404	27.756	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	88665	33.704	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	90233	34.721	ug/l	98
89) n-Butylbenzene	13.615	91	100472	20.665	ug/l	99
90) Hexachloroethane	13.883	117	32849	30.438	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	83694	36.312	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	8068	50.542	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	18559	13.193	ug/l	95
94) Hexachlorobutadiene	15.023	225	8471	9.565	ug/l	97
95) Naphthalene	15.145	128	53429	22.930	ug/l	98
96) 1,2,3-Trichlorobenzene	15.328	180	16632	13.994	ug/l	95

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

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