

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031524\
 Data File : VY017667.D
 Acq On : 15 Mar 2024 12:57
 Operator : SY/MD
 Sample : VY0315SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0315SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/18/2024
 Supervised By :Semsettin Yesilyurt 03/18/2024

Quant Time: Mar 16 00:14:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	146192	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	233257	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	205487	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	95619	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	57386	41.419	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	82.840%		
35) Dibromofluoromethane	7.716	113	65747	40.450	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	80.900%		
50) Toluene-d8	10.179	98	247164	43.492	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	86.980%		
62) 4-Bromofluorobenzene	12.483	95	76278	42.708	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	85.420%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	18475	17.132	ug/l	98
3) Chloromethane	2.113	50	38419	19.498	ug/l	100
4) Vinyl Chloride	2.247	62	49575	19.612	ug/l	100
5) Bromomethane	2.643	94	42673	20.716	ug/l	98
6) Chloroethane	2.790	64	33404	20.948	ug/l	96
7) Trichlorofluoromethane	3.119	101	46991	18.240	ug/l	95
8) Diethyl Ether	3.527	74	15415	20.400	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.899	101	29007	19.575	ug/l	99
10) Methyl Iodide	4.088	142	34819	20.937	ug/l	98
11) Tert butyl alcohol	4.954	59	10964	93.160	ug/l #	88
12) 1,1-Dichloroethene	3.875	96	27717	20.070	ug/l	89
13) Acrolein	3.729	56	12669	81.584	ug/l	99
14) Allyl chloride	4.472	41	34322	20.568	ug/l	98
15) Acrylonitrile	5.155	53	30613	98.554	ug/l	99
16) Acetone	3.942	43	29278	108.949	ug/l	95
17) Carbon Disulfide	4.192	76	85831	20.706	ug/l	99
18) Methyl Acetate	4.472	43	11803	18.104	ug/l	100
19) Methyl tert-butyl Ether	5.216	73	63252	19.650	ug/l	99
20) Methylene Chloride	4.710	84	36723	19.969	ug/l	98
21) trans-1,2-Dichloroethene	5.216	96	33333	20.614	ug/l	95
22) Diisopropyl ether	6.112	45	79667	20.689	ug/l	96
23) Vinyl Acetate	6.057	43	233929	101.950	ug/l	99
24) 1,1-Dichloroethane	6.015	63	52848	20.089	ug/l	98
25) 2-Butanone	6.984	43	39731	103.742	ug/l	100
26) 2,2-Dichloropropane	6.978	77	44796	20.253	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	36880	20.314	ug/l	98
28) Bromochloromethane	7.332	49	21265	20.525	ug/l	99
29) Tetrahydrofuran	7.344	42	22543	97.647	ug/l	99
30) Chloroform	7.502	83	58129	20.754	ug/l	97
31) Cyclohexane	7.783	56	44723	19.835	ug/l	94
32) 1,1,1-Trichloroethane	7.703	97	48555	19.968	ug/l	98
36) 1,1-Dichloropropene	7.917	75	43431	19.804	ug/l	99
37) Ethyl Acetate	7.069	43	16659	19.233	ug/l	96
38) Carbon Tetrachloride	7.899	117	42505	19.339	ug/l	99
39) Methylcyclohexane	9.179	83	51216	19.433	ug/l	97
40) Benzene	8.161	78	131093	20.129	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	9332m	21.470	ug/l	
42) 1,2-Dichloroethane	8.234	62	31402	19.762	ug/l	98
43) Isopropyl Acetate	8.270	43	30048	19.741	ug/l	99
44) Trichloroethene	8.941	130	36145	19.255	ug/l	99
45) 1,2-Dichloropropane	9.215	63	31251	20.169	ug/l	98
46) Dibromomethane	9.307	93	17704	19.965	ug/l	97
47) Bromodichloromethane	9.496	83	43393	20.153	ug/l	97
48) Methyl methacrylate	9.289	41	13414	19.039	ug/l	96
49) 1,4-Dioxane	9.301	88	3981	396.685	ug/l #	88
51) 4-Methyl-2-Pentanone	10.069	43	81028	95.518	ug/l	100
52) Toluene	10.246	92	82286	20.042	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	39095	19.562	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	48227	19.860	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	25065	19.908	ug/l	97
56) Ethyl methacrylate	10.508	69	26287	18.647	ug/l	98
57) 1,3-Dichloropropane	10.788	76	39971	19.526	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	70155	96.562	ug/l	99
59) 2-Hexanone	10.831	43	59260	101.703	ug/l	99
60) Dibromochloromethane	10.983	129	29328	19.690	ug/l	100
61) 1,2-Dibromoethane	11.087	107	22976	19.802	ug/l	99
64) Tetrachloroethene	10.721	164	36822	18.669	ug/l	98
65) Chlorobenzene	11.514	112	88833	20.367	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	31687	19.392	ug/l	100
67) Ethyl Benzene	11.593	91	148868	19.462	ug/l	97
68) m/p-Xylenes	11.703	106	119007	39.594	ug/l	99
69) o-Xylene	12.032	106	54277	19.465	ug/l	98
70) Styrene	12.044	104	90266	19.502	ug/l	99
71) Bromoform	12.209	173	17356	19.168	ug/l #	99
73) Isopropylbenzene	12.331	105	140676	19.803	ug/l	99
74) N-amyl acetate	12.142	43	25088	20.024	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	25511	20.913	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	18505m	20.368	ug/l	
77) Bromobenzene	12.611	156	33738	19.611	ug/l	99
78) n-propylbenzene	12.672	91	175191	20.553	ug/l	100
79) 2-Chlorotoluene	12.757	91	96284	20.175	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	115103	20.224	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	7604	19.231	ug/l	97
82) 4-Chlorotoluene	12.855	91	98957	20.273	ug/l	97
83) tert-Butylbenzene	13.074	119	99941	19.997	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	113888	20.269	ug/l	100
85) sec-Butylbenzene	13.251	105	154205	20.181	ug/l	100
86) p-Isopropyltoluene	13.367	119	126510	20.226	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	68811	19.927	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	67942	20.238	ug/l	100
89) n-Butylbenzene	13.696	91	116318	20.382	ug/l	98
90) Hexachloroethane	13.958	117	25561	20.384	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	58631	20.073	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3343	19.493	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	31713	20.556	ug/l	99
94) Hexachlorobutadiene	15.111	225	20444	21.463	ug/l	98
95) Naphthalene	15.239	128	49217	19.089	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	26775	20.230	ug/l	99

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

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