

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011024\
 Data File : VY016965.D
 Acq On : 10 Jan 2024 11:45
 Operator : SY/MD
 Sample : VY0110SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0110SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/11/2024
 Supervised By :Semsettin Yesilyurt 01/11/2024

Quant Time: Jan 11 00:09:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	115059	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	195717	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	168622	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	74369	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	59736	52.529	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.060%			
35) Dibromofluoromethane	7.740	113	65305	52.362	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.720%			
50) Toluene-d8	10.191	98	225073	52.407	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.820%			
62) 4-Bromofluorobenzene	12.495	95	75275	51.951	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 103.900%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	16981	17.599	ug/l	96
3) Chloromethane	2.125	50	25764	19.062	ug/l	100
4) Vinyl Chloride	2.259	62	31369	19.676	ug/l	98
5) Bromomethane	2.656	94	22848	20.004	ug/l	92
6) Chloroethane	2.802	64	21049	19.518	ug/l	98
7) Trichlorofluoromethane	3.137	101	38199	19.446	ug/l	93
8) Diethyl Ether	3.540	74	11841	18.862	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.918	101	24418	19.117	ug/l	98
10) Methyl Iodide	4.113	142	19051	17.532	ug/l	99
11) Tert butyl alcohol	4.978	59	8703	83.023	ug/l	97
12) 1,1-Dichloroethene	3.893	96	20172	18.407	ug/l	96
13) Acrolein	3.747	56	14167	109.828	ug/l	98
14) Allyl chloride	4.497	41	32173	18.570	ug/l	98
15) Acrylonitrile	5.186	53	27563	93.866	ug/l	98
16) Acetone	3.966	43	35723	114.359	ug/l	95
17) Carbon Disulfide	4.210	76	42286	16.149	ug/l	100
18) Methyl Acetate	4.497	43	19983	16.402	ug/l	98
19) Methyl tert-butyl Ether	5.234	73	53949	18.922	ug/l	96
20) Methylene Chloride	4.741	84	35042	18.937	ug/l	98
21) trans-1,2-Dichloroethene	5.247	96	23406	18.648	ug/l	94
22) Diisopropyl ether	6.137	45	78419	19.579	ug/l	97
23) Vinyl Acetate	6.076	43	180953	98.529	ug/l	100
24) 1,1-Dichloroethane	6.039	63	46441	19.295	ug/l	96
25) 2-Butanone	7.002	43	44034	107.957	ug/l	100
26) 2,2-Dichloropropane	7.002	77	40103	19.216	ug/l	98
27) cis-1,2-Dichloroethene	7.008	96	28230	19.187	ug/l	97
28) Bromochloromethane	7.350	49	19068	21.102	ug/l	99
29) Tetrahydrofuran	7.368	42	21309	92.581	ug/l	95
30) Chloroform	7.527	83	49672	20.026	ug/l	99
31) Cyclohexane	7.801	56	35153	18.011	ug/l	93
32) 1,1,1-Trichloroethane	7.722	97	41051	19.519	ug/l	99
36) 1,1-Dichloropropene	7.935	75	33909	18.656	ug/l	99
37) Ethyl Acetate	7.094	43	15612	18.901	ug/l	98
38) Carbon Tetrachloride	7.917	117	34470	18.666	ug/l	98
39) Methylcyclohexane	9.197	83	35517	17.382	ug/l	99
40) Benzene	8.179	78	101920	18.693	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	7643	17.569	ug/l	90
42) 1,2-Dichloroethane	8.252	62	27845	19.237	ug/l	100
43) Isopropyl Acetate	8.289	43	29200	18.461	ug/l	99
44) Trichloroethene	8.953	130	25951	18.705	ug/l	93
45) 1,2-Dichloropropane	9.234	63	26732	19.031	ug/l	99
46) Dibromomethane	9.319	93	13238	18.479	ug/l	100
47) Bromodichloromethane	9.514	83	37030	19.249	ug/l	99
48) Methyl methacrylate	9.307	41	15447	18.096	ug/l	98
49) 1,4-Dioxane	9.313	88	2983	402.152	ug/l	96
51) 4-Methyl-2-Pentanone	10.081	43	77677	92.340	ug/l	100
52) Toluene	10.258	92	63649	19.343	ug/l	99
53) t-1,3-Dichloropropene	10.477	75	32522	18.874	ug/l	100
54) cis-1,3-Dichloropropene	9.941	75	39008	18.850	ug/l	93
55) 1,1,2-Trichloroethane	10.660	97	19733	18.855	ug/l	98
56) Ethyl methacrylate	10.520	69	16356	18.451	ug/l	95
57) 1,3-Dichloropropane	10.801	76	33070	18.926	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	47347	96.397	ug/l	100
59) 2-Hexanone	10.843	43	60735	98.054	ug/l	99
60) Dibromochloromethane	10.996	129	23058	19.105	ug/l	98
61) 1,2-Dibromoethane	11.105	107	17781	19.554	ug/l	97
64) Tetrachloroethene	10.733	164	19907	18.210	ug/l	97
65) Chlorobenzene	11.526	112	66366	18.893	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.605	131	25577	19.154	ug/l	100
67) Ethyl Benzene	11.605	91	118204	18.691	ug/l	99
68) m/p-Xylenes	11.715	106	89561	38.582	ug/l	97
69) o-Xylene	12.044	106	40630	18.670	ug/l	100
70) Styrene	12.056	104	60691	19.162	ug/l	99
71) Bromoform	12.221	173	12424	18.900	ug/l #	98
73) Isopropylbenzene	12.343	105	114643	18.877	ug/l	99
74) N-amyl acetate	12.154	43	23244	19.050	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.593	83	22413	18.113	ug/l	97
76) 1,2,3-Trichloropropane	12.648	75	15865m	19.658	ug/l	
77) Bromobenzene	12.623	156	24672	18.452	ug/l	99
78) n-propylbenzene	12.684	91	139023	18.830	ug/l	99
79) 2-Chlorotoluene	12.770	91	78471	19.167	ug/l	100
80) 1,3,5-Trimethylbenzene	12.825	105	91002	18.947	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.392	75	6359	17.892	ug/l	97
82) 4-Chlorotoluene	12.867	91	80527	19.253	ug/l	98
83) tert-Butylbenzene	13.087	119	79409	18.771	ug/l	97
84) 1,2,4-Trimethylbenzene	13.129	105	90469	19.126	ug/l	98
85) sec-Butylbenzene	13.263	105	119131	19.005	ug/l	100
86) p-Isopropyltoluene	13.385	119	98704	19.080	ug/l	100
87) 1,3-Dichlorobenzene	13.379	146	49456	18.860	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	49283	19.215	ug/l	100
89) n-Butylbenzene	13.709	91	94240	18.947	ug/l	99
90) Hexachloroethane	13.977	117	20922	18.821	ug/l	96
91) 1,2-Dichlorobenzene	13.751	146	42758	18.868	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.373	75	2789	17.974	ug/l	94
93) 1,2,4-Trichlorobenzene	15.019	180	21382	19.000	ug/l	97
94) Hexachlorobutadiene	15.123	225	13600	19.292	ug/l	99
95) Naphthalene	15.251	128	35212	18.802	ug/l	100
96) 1,2,3-Trichlorobenzene	15.440	180	17655	18.477	ug/l	98

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

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