

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041824\
 Data File : VY017966.D
 Acq On : 18 Apr 2024 10:53
 Operator : SY/MD
 Sample : VY0418SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0418SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/19/2024
 Supervised By :Semsettin Yesilyurt 04/19/2024

Quant Time: Apr 19 01:58:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	404917	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	646002	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	567649	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.434	152	271834	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	162118	46.266	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.540%		
35) Dibromofluoromethane	7.728	113	185845	46.631	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.260%		
50) Toluene-d8	10.191	98	713864	47.205	ug/l	0.01
Spiked Amount 50.000	Range 58 - 134		Recovery =	94.400%		
62) 4-Bromofluorobenzene	12.489	95	221923	47.383	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	94.760%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	64108	19.957	ug/l	99
3) Chloromethane	2.119	50	82928	15.580	ug/l	99
4) Vinyl Chloride	2.253	62	92925	15.489	ug/l	97
5) Bromomethane	2.650	94	66340	16.613	ug/l	98
6) Chloroethane	2.796	64	60170	15.886	ug/l	96
7) Trichlorofluoromethane	3.131	101	117350	17.356	ug/l	97
8) Diethyl Ether	3.540	74	40681	19.040	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.906	101	74794	17.764	ug/l	97
10) Methyl Iodide	4.095	142	110364	19.702	ug/l	97
11) Tert butyl alcohol	4.966	59	23449	83.778	ug/l #	90
12) 1,1-Dichloroethene	3.881	96	75645	18.507	ug/l	98
13) Acrolein	3.741	56	38724	141.899	ug/l	100
14) Allyl chloride	4.485	41	95636	18.080	ug/l	93
15) Acrylonitrile	5.168	53	82483	95.083	ug/l	99
16) Acetone	3.954	43	56159	81.113	ug/l	89
17) Carbon Disulfide	4.198	76	239208	18.396	ug/l	97
18) Methyl Acetate	4.491	43	32676	17.940	ug/l	98
19) Methyl tert-butyl Ether	5.229	73	164148	18.427	ug/l	98
20) Methylene Chloride	4.723	84	91840	19.580	ug/l	99
21) trans-1,2-Dichloroethene	5.229	96	82522	18.430	ug/l	97
22) Diisopropyl ether	6.131	45	219290	18.910	ug/l	98
23) Vinyl Acetate	6.070	43	638838	92.902	ug/l	99
24) 1,1-Dichloroethane	6.027	63	138002	18.227	ug/l	98
25) 2-Butanone	6.997	43	92586	90.978	ug/l	95
26) 2,2-Dichloropropane	6.990	77	108841	17.918	ug/l	98
27) cis-1,2-Dichloroethene	6.997	96	96231	18.818	ug/l	99
28) Bromochloromethane	7.344	49	62676	21.044	ug/l	99
29) Tetrahydrofuran	7.362	42	60722	94.024	ug/l	97
30) Chloroform	7.515	83	143586	18.556	ug/l	99
31) Cyclohexane	7.795	56	115800	17.290	ug/l	95
32) 1,1,1-Trichloroethane	7.710	97	117711	18.264	ug/l	98
36) 1,1-Dichloropropene	7.923	75	103091	17.787	ug/l	98
37) Ethyl Acetate	7.082	43	45100	18.913	ug/l	97
38) Carbon Tetrachloride	7.905	117	107895	18.426	ug/l	95
39) Methylcyclohexane	9.191	83	128556	17.020	ug/l	94
40) Benzene	8.167	78	338146	18.626	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	23110	15.359	ug/l	97
42) 1,2-Dichloroethane	8.246	62	76499	18.390	ug/l	98
43) Isopropyl Acetate	8.283	43	78551	17.671	ug/l	99
44) Trichloroethene	8.947	130	85793	18.596	ug/l	99
45) 1,2-Dichloropropane	9.222	63	77900	18.640	ug/l	98
46) Dibromomethane	9.313	93	43542	18.836	ug/l	95
47) Bromodichloromethane	9.502	83	108746	18.751	ug/l	98
48) Methyl methacrylate	9.301	41	36363	17.852	ug/l	98
49) 1,4-Dioxane	9.307	88	9510	360.367	ug/l #	99
51) 4-Methyl-2-Pentanone	10.075	43	224510	95.275	ug/l	97
52) Toluene	10.252	92	209749	18.828	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	97056	18.331	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	120241	18.487	ug/l	98
55) 1,1,2-Trichloroethane	10.654	97	59419	18.909	ug/l	95
56) Ethyl methacrylate	10.514	69	74257	18.126	ug/l	98
57) 1,3-Dichloropropane	10.801	76	99325	18.666	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	204099	95.845	ug/l	100
59) 2-Hexanone	10.837	43	149030	92.647	ug/l	98
60) Dibromochloromethane	10.996	129	77288	19.137	ug/l	98
61) 1,2-Dibromoethane	11.099	107	56281	19.218	ug/l	98
64) Tetrachloroethene	10.728	164	77651	19.096	ug/l	97
65) Chlorobenzene	11.526	112	233699	18.785	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.599	131	77543	18.902	ug/l	99
67) Ethyl Benzene	11.599	91	381747	18.224	ug/l	97
68) m/p-Xylenes	11.709	106	301208	37.437	ug/l	99
69) o-Xylene	12.038	106	138781	18.471	ug/l	99
70) Styrene	12.050	104	240254	18.919	ug/l	98
71) Bromoform	12.215	173	45457	19.179	ug/l #	99
73) Isopropylbenzene	12.337	105	356243	17.985	ug/l	99
74) N-amyl acetate	12.154	43	67022	16.762	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	68282	18.484	ug/l	100
76) 1,2,3-Trichloropropane	12.642	75	49226m	19.298	ug/l	
77) Bromobenzene	12.617	156	90492	18.879	ug/l	96
78) n-propylbenzene	12.678	91	433084	18.021	ug/l	99
79) 2-Chlorotoluene	12.764	91	244924	18.208	ug/l	98
80) 1,3,5-Trimethylbenzene	12.819	105	289925	18.459	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	22268	17.999	ug/l	98
82) 4-Chlorotoluene	12.861	91	250737	17.998	ug/l	97
83) tert-Butylbenzene	13.081	119	256230	17.862	ug/l	97
84) 1,2,4-Trimethylbenzene	13.130	105	289059	18.481	ug/l	99
85) sec-Butylbenzene	13.258	105	382838	17.768	ug/l	99
86) p-Isopropyltoluene	13.380	119	314490	17.763	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	176031	18.509	ug/l	100
88) 1,4-Dichlorobenzene	13.453	146	173910	18.627	ug/l	99
89) n-Butylbenzene	13.703	91	285140	17.119	ug/l	99
90) Hexachloroethane	13.971	117	64972	17.896	ug/l	94
91) 1,2-Dichlorobenzene	13.745	146	152566	18.594	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	8396	17.669	ug/l	94
93) 1,2,4-Trichlorobenzene	15.013	180	81112	16.976	ug/l	99
94) Hexachlorobutadiene	15.117	225	49248	17.374	ug/l	99
95) Naphthalene	15.245	128	128534	16.324	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	68654	17.124	ug/l	99

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

