

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091824\
 Data File : VY019598.D
 Acq On : 18 Sep 2024 12:12
 Operator : SY/MD
 Sample : VY0918SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0918SBS01

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 09/19/2024
 Supervised By :Mahesh Dadoda 09/19/2024

Quant Time: Sep 19 01:23:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	390059	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	663472	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	559201	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	264419	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	184926	51.200	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.400%			
35) Dibromofluoromethane	7.628	113	185756	49.380	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.760%			
50) Toluene-d8	10.109	98	688324	49.470	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.940%			
62) 4-Bromofluorobenzene	12.408	95	242672	45.359	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 90.720%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	53260	22.750	ug/l	100
3) Chloromethane	2.074	50	66344	20.558	ug/l	99
4) Vinyl Chloride	2.208	62	75114	21.525	ug/l	98
5) Bromomethane	2.599	94	50359	23.494	ug/l	99
6) Chloroethane	2.739	64	52198	22.881	ug/l	95
7) Trichlorofluoromethane	3.062	101	125764	21.620	ug/l	94
8) Diethyl Ether	3.458	74	37497	19.203	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.812	101	74597	20.730	ug/l	95
10) Methyl Iodide	4.007	142	77327	16.761	ug/l	92
11) Tert butyl alcohol	4.848	59	34931	119.755	ug/l	# 82
12) 1,1-Dichloroethene	3.793	96	65548	18.941	ug/l	86
13) Acrolein	3.647	56	16846	112.061	ug/l	99
14) Allyl chloride	4.385	41	113369	18.267	ug/l	# 92
15) Acrylonitrile	5.061	53	84749	100.660	ug/l	98
16) Acetone	3.867	43	96558	112.215	ug/l	87
17) Carbon Disulfide	4.104	76	158693	16.972	ug/l	99
18) Methyl Acetate	4.385	43	39553	16.938	ug/l	92
19) Methyl tert-butyl Ether	5.110	73	192164	19.606	ug/l	98
20) Methylene Chloride	4.610	84	83115	21.180	ug/l	92
21) trans-1,2-Dichloroethene	5.110	96	72562	19.129	ug/l	96
22) Diisopropyl ether	6.013	45	247618	19.430	ug/l	89
23) Vinyl Acetate	5.958	43	712347	97.859	ug/l	93
24) 1,1-Dichloroethane	5.909	63	143810	20.110	ug/l	97
25) 2-Butanone	6.890	43	130499	106.633	ug/l	# 86
26) 2,2-Dichloropropane	6.878	77	138802	21.517	ug/l	96
27) cis-1,2-Dichloroethene	6.890	96	91025	19.755	ug/l	87
28) Bromochloromethane	7.244	49	53162	17.668	ug/l	85
29) Tetrahydrofuran	7.256	42	70929	95.322	ug/l	87
30) Chloroform	7.421	83	150887	20.668	ug/l	98
31) Cyclohexane	7.701	56	121764	18.837	ug/l	92
32) 1,1,1-Trichloroethane	7.616	97	135807	20.754	ug/l	98
36) 1,1-Dichloropropene	7.835	75	100868	19.706	ug/l	97
37) Ethyl Acetate	6.982	43	49716	18.956	ug/l	# 97
38) Carbon Tetrachloride	7.817	117	116829	20.240	ug/l	99
39) Methylcyclohexane	9.110	83	127114	18.661	ug/l	92
40) Benzene	8.079	78	308679	19.579	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	28038	18.340	ug/l	89
42) 1,2-Dichloroethane	8.158	62	85950	20.260	ug/l	96
43) Isopropyl Acetate	8.195	43	104164	18.904	ug/l #	80
44) Trichloroethene	8.866	130	79015	19.487	ug/l	99
45) 1,2-Dichloropropane	9.140	63	75053	19.472	ug/l	100
46) Dibromomethane	9.231	93	41894	19.876	ug/l	96
47) Bromodichloromethane	9.427	83	113489	20.031	ug/l	96
48) Methyl methacrylate	9.219	41	47410	18.220	ug/l	85
49) 1,4-Dioxane	9.225	88	10313	415.631	ug/l #	98
51) 4-Methyl-2-Pentanone	10.000	43	263944	95.216	ug/l	91
52) Toluene	10.170	92	200244	19.749	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	101557	18.803	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	119017	18.925	ug/l #	90
55) 1,1,2-Trichloroethane	10.573	97	57960	19.913	ug/l	97
56) Ethyl methacrylate	10.439	69	81088	18.339	ug/l #	79
57) 1,3-Dichloropropane	10.719	76	99765	19.940	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	183644	89.487	ug/l	97
59) 2-Hexanone	10.762	43	196376	96.628	ug/l	90
60) Dibromochloromethane	10.914	129	77065	20.015	ug/l	97
61) 1,2-Dibromoethane	11.018	107	52650	19.413	ug/l	98
64) Tetrachloroethene	10.652	164	66422	19.181	ug/l	95
65) Chlorobenzene	11.444	112	221307	20.119	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	75204	19.746	ug/l	99
67) Ethyl Benzene	11.518	91	396836	20.304	ug/l	100
68) m/p-Xylenes	11.627	106	293910	39.769	ug/l	93
69) o-Xylene	11.957	106	143649	19.875	ug/l	96
70) Styrene	11.969	104	241549	19.795	ug/l	96
71) Bromoform	12.133	173	40519	18.627	ug/l #	97
73) Isopropylbenzene	12.255	105	387412	20.196	ug/l	100
74) N-amyl acetate	12.072	43	94039	18.025	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.505	83	67854	19.929	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	49364m	19.918	ug/l	
77) Bromobenzene	12.530	156	82644	19.425	ug/l	90
78) n-propylbenzene	12.597	91	464319	20.421	ug/l	98
79) 2-Chlorotoluene	12.682	91	266647	20.124	ug/l	95
80) 1,3,5-Trimethylbenzene	12.737	105	310383	19.903	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	22105	17.122	ug/l	89
82) 4-Chlorotoluene	12.780	91	269658	19.795	ug/l	97
83) tert-Butylbenzene	12.999	119	288380	20.427	ug/l	96
84) 1,2,4-Trimethylbenzene	13.042	105	309898	20.075	ug/l	97
85) sec-Butylbenzene	13.176	105	421872	20.570	ug/l	99
86) p-Isopropyltoluene	13.292	119	341223	20.335	ug/l	97
87) 1,3-Dichlorobenzene	13.286	146	166879	20.186	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	162077	19.755	ug/l	96
89) n-Butylbenzene	13.615	91	327299	20.403	ug/l	99
90) Hexachloroethane	13.877	117	67821	19.425	ug/l	89
91) 1,2-Dichlorobenzene	13.657	146	146897	19.912	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	10528	18.553	ug/l	80
93) 1,2,4-Trichlorobenzene	14.919	180	80499	17.941	ug/l	97
94) Hexachlorobutadiene	15.023	225	44714	18.655	ug/l	98
95) Naphthalene	15.145	128	148811	16.562	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	65784	17.141	ug/l	96

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

