

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091224\
 Data File : VY019522.D
 Acq On : 12 Sep 2024 12:19
 Operator : SY/MD
 Sample : VY0912SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0912SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/13/2024
 Supervised By :Semsettin Yesilyurt 09/13/2024

Quant Time: Sep 13 01:31:02 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	459883	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	800091	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	675161	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	316015	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	235327	55.262	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.520%			
35) Dibromofluoromethane	7.634	113	234314	51.652	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.300%			
50) Toluene-d8	10.109	98	877469	52.296	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.600%			
62) 4-Bromofluorobenzene	12.408	95	308511	47.819	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 95.640%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	65510	23.927	ug/l	99
3) Chloromethane	2.068	50	80134	21.061	ug/l	99
4) Vinyl Chloride	2.208	62	88933	21.616	ug/l	100
5) Bromomethane	2.592	94	62318	24.659	ug/l	98
6) Chloroethane	2.732	64	60892	22.640	ug/l	100
7) Trichlorofluoromethane	3.056	101	146528	21.365	ug/l	97
8) Diethyl Ether	3.452	74	46133	20.039	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.818	101	87446	20.611	ug/l	96
10) Methyl Iodide	4.001	142	104328	19.180	ug/l	95
11) Tert butyl alcohol	4.860	59	35424	103.006	ug/l	# 76
12) 1,1-Dichloroethene	3.793	96	81604	20.000	ug/l	89
13) Acrolein	3.653	56	24462	141.537	ug/l	99
14) Allyl chloride	4.378	41	139988	19.132	ug/l	# 93
15) Acrylonitrile	5.055	53	100225	100.967	ug/l	99
16) Acetone	3.866	43	95689	94.321	ug/l	88
17) Carbon Disulfide	4.104	76	197912	17.953	ug/l	98
18) Methyl Acetate	4.385	43	51006	18.526	ug/l	91
19) Methyl tert-butyl Ether	5.110	73	234144	20.262	ug/l	95
20) Methylene Chloride	4.610	84	98773	21.349	ug/l	88
21) trans-1,2-Dichloroethene	5.110	96	88065	19.692	ug/l	91
22) Diisopropyl ether	6.012	45	304459	20.263	ug/l	# 92
23) Vinyl Acetate	5.951	43	867055	101.027	ug/l	# 93
24) 1,1-Dichloroethane	5.915	63	170422	20.213	ug/l	97
25) 2-Butanone	6.890	43	141640	98.165	ug/l	89
26) 2,2-Dichloropropane	6.878	77	153037	20.122	ug/l	97
27) cis-1,2-Dichloroethene	6.890	96	113031	20.806	ug/l	90
28) Bromochloromethane	7.238	49	68791	19.391	ug/l	84
29) Tetrahydrofuran	7.256	42	85748	97.741	ug/l	90
30) Chloroform	7.421	83	181669	21.107	ug/l	97
31) Cyclohexane	7.701	56	140303	18.410	ug/l	91
32) 1,1,1-Trichloroethane	7.616	97	160344	20.784	ug/l	97
36) 1,1-Dichloropropene	7.835	75	120120	19.460	ug/l	98
37) Ethyl Acetate	6.976	43	61280	19.376	ug/l	95
38) Carbon Tetrachloride	7.817	117	138483	19.895	ug/l	98
39) Methylcyclohexane	9.109	83	148316	18.055	ug/l	91
40) Benzene	8.079	78	373470	19.644	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	34644	18.791	ug/l	86
42) 1,2-Dichloroethane	8.158	62	105400	20.602	ug/l	96
43) Isopropyl Acetate	8.195	43	129104	19.430	ug/l	91
44) Trichloroethene	8.866	130	94311	19.288	ug/l	96
45) 1,2-Dichloropropane	9.140	63	90534	19.478	ug/l	100
46) Dibromomethane	9.231	93	51556	20.284	ug/l	95
47) Bromodichloromethane	9.420	83	137480	20.122	ug/l	98
48) Methyl methacrylate	9.219	41	58767	18.729	ug/l	86
49) 1,4-Dioxane	9.231	88	12018	401.642	ug/l #	86
51) 4-Methyl-2-Pentanone	9.999	43	321101	96.055	ug/l	92
52) Toluene	10.170	92	240628	19.679	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	126252	19.384	ug/l	96
54) cis-1,3-Dichloropropene	9.853	75	145626	19.202	ug/l #	88
55) 1,1,2-Trichloroethane	10.573	97	70260	20.017	ug/l	97
56) Ethyl methacrylate	10.438	69	102509	19.225	ug/l #	83
57) 1,3-Dichloropropane	10.719	76	118152	19.582	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	247637	100.065	ug/l	98
59) 2-Hexanone	10.762	43	229455	93.626	ug/l	89
60) Dibromochloromethane	10.914	129	92031	19.820	ug/l	99
61) 1,2-Dibromoethane	11.011	107	64191	19.627	ug/l	97
64) Tetrachloroethene	10.646	164	81520	19.498	ug/l	94
65) Chlorobenzene	11.444	112	265875	20.019	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	93659	20.368	ug/l	99
67) Ethyl Benzene	11.517	91	472345	20.016	ug/l	100
68) m/p-Xylenes	11.627	106	355577	39.850	ug/l	94
69) o-Xylene	11.956	106	172029	19.714	ug/l	95
70) Styrene	11.969	104	292118	19.827	ug/l	96
71) Bromoform	12.133	173	52057	19.821	ug/l #	98
73) Isopropylbenzene	12.255	105	457055	19.936	ug/l	100
74) N-amyl acetate	12.072	43	120748	19.366	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.505	83	81917	20.131	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	47024m	15.876	ug/l	
77) Bromobenzene	12.529	156	99727	19.613	ug/l	89
78) n-propylbenzene	12.597	91	542194	19.953	ug/l	100
79) 2-Chlorotoluene	12.682	91	317340	20.039	ug/l	95
80) 1,3,5-Trimethylbenzene	12.737	105	369352	19.817	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	27703	17.955	ug/l	91
82) 4-Chlorotoluene	12.779	91	327047	20.088	ug/l	96
83) tert-Butylbenzene	12.999	119	341793	20.257	ug/l	96
84) 1,2,4-Trimethylbenzene	13.042	105	366826	19.883	ug/l	97
85) sec-Butylbenzene	13.176	105	491015	20.032	ug/l	99
86) p-Isopropyltoluene	13.292	119	400001	19.946	ug/l	97
87) 1,3-Dichlorobenzene	13.285	146	198810	20.122	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	196400	20.030	ug/l	97
89) n-Butylbenzene	13.615	91	371550	19.380	ug/l	99
90) Hexachloroethane	13.877	117	80870	19.381	ug/l	93
91) 1,2-Dichlorobenzene	13.657	146	175823	19.942	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	12463	18.377	ug/l	87
93) 1,2,4-Trichlorobenzene	14.919	180	97417	18.167	ug/l	98
94) Hexachlorobutadiene	15.023	225	51115	17.843	ug/l	98
95) Naphthalene	15.145	128	198011	18.439	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	84393	18.399	ug/l	99

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

