

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091824\
 Data File : VY019597.D
 Acq On : 18 Sep 2024 11:38
 Operator : SY/MD
 Sample : VY0918SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0918SBS01

Quant Time: Sep 19 01:23:18 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	366868	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	622665	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	521529	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	239375	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	165511	48.721	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.440%		
35) Dibromofluoromethane	7.634	113	168809	47.816	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.640%		
50) Toluene-d8	10.109	98	629737	48.226	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	96.460%		
62) 4-Bromofluorobenzene	12.408	95	220460	43.908	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	87.820%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	54207	24.985	ug/l	96
3) Chloromethane	2.074	50	63729	20.996	ug/l	99
4) Vinyl Chloride	2.208	62	75158	22.899	ug/l	97
5) Bromomethane	2.592	94	50845	25.220	ug/l	99
6) Chloroethane	2.733	64	51054	23.795	ug/l	97
7) Trichlorofluoromethane	3.062	101	123683	22.606	ug/l	98
8) Diethyl Ether	3.452	74	35136	19.132	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.812	101	74309	21.955	ug/l	95
10) Methyl Iodide	4.001	142	77457	17.850	ug/l	91
11) Tert butyl alcohol	4.848	59	32332	117.852	ug/l	# 82
12) 1,1-Dichloroethene	3.787	96	67011	20.588	ug/l	86
13) Acrolein	3.653	56	17579	125.993	ug/l	98
14) Allyl chloride	4.385	41	109638	18.783	ug/l	# 94
15) Acrylonitrile	5.055	53	76860	97.061	ug/l	98
16) Acetone	3.866	43	85381	105.498	ug/l	# 84
17) Carbon Disulfide	4.104	76	157997	17.966	ug/l	99
18) Methyl Acetate	4.379	43	36326	16.540	ug/l	89
19) Methyl tert-butyl Ether	5.110	73	185064	20.075	ug/l	97
20) Methylene Chloride	4.616	84	78879	21.371	ug/l	87
21) trans-1,2-Dichloroethene	5.110	96	72087	20.206	ug/l	89
22) Diisopropyl ether	6.012	45	246309	20.549	ug/l	91
23) Vinyl Acetate	5.951	43	684846	100.028	ug/l	# 93
24) 1,1-Dichloroethane	5.909	63	142831	21.235	ug/l	96
25) 2-Butanone	6.890	43	119251	103.602	ug/l	90
26) 2,2-Dichloropropane	6.878	77	135638	22.356	ug/l	96
27) cis-1,2-Dichloroethene	6.884	96	89819	20.726	ug/l	87
28) Bromochloromethane	7.244	49	55879	19.745	ug/l	86
29) Tetrahydrofuran	7.262	42	63139	90.217	ug/l	88
30) Chloroform	7.421	83	149236	21.735	ug/l	100
31) Cyclohexane	7.701	56	119402	19.639	ug/l	93
32) 1,1,1-Trichloroethane	7.610	97	134091	21.788	ug/l	97
36) 1,1-Dichloropropene	7.829	75	100442	20.909	ug/l	97
37) Ethyl Acetate	6.982	43	47520	19.306	ug/l	97
38) Carbon Tetrachloride	7.817	117	115527	21.326	ug/l	100
39) Methylcyclohexane	9.109	83	128943	20.170	ug/l	# 91
40) Benzene	8.079	78	307865	20.807	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	27040	18.846	ug/l #	85
42) 1,2-Dichloroethane	8.158	62	83777	21.042	ug/l	96
43) Isopropyl Acetate	8.195	43	97370	18.829	ug/l #	80
44) Trichloroethene	8.866	130	77324	20.320	ug/l	92
45) 1,2-Dichloropropane	9.140	63	75311	20.820	ug/l	100
46) Dibromomethane	9.231	93	40253	20.349	ug/l	94
47) Bromodichloromethane	9.420	83	112128	21.087	ug/l	97
48) Methyl methacrylate	9.219	41	41711	17.081	ug/l	86
49) 1,4-Dioxane	9.231	88	8612	369.824	ug/l #	91
51) 4-Methyl-2-Pentanone	10.000	43	245224	94.260	ug/l	91
52) Toluene	10.170	92	197637	20.769	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	98711	19.474	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	118309	20.045	ug/l #	91
55) 1,1,2-Trichloroethane	10.573	97	55572	20.343	ug/l	92
56) Ethyl methacrylate	10.438	69	77498	18.676	ug/l #	82
57) 1,3-Dichloropropane	10.719	76	96196	20.486	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	184185	95.633	ug/l	98
59) 2-Hexanone	10.762	43	182584	95.729	ug/l	89
60) Dibromochloromethane	10.914	129	72842	20.158	ug/l	100
61) 1,2-Dibromoethane	11.018	107	48888	19.208	ug/l	97
64) Tetrachloroethene	10.646	164	67446	20.884	ug/l	93
65) Chlorobenzene	11.444	112	218891	21.337	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	75009	21.118	ug/l	99
67) Ethyl Benzene	11.518	91	387244	21.244	ug/l	100
68) m/p-Xylenes	11.627	106	291376	42.274	ug/l	93
69) o-Xylene	11.956	106	140346	20.821	ug/l	93
70) Styrene	11.969	104	234099	20.570	ug/l	97
71) Bromoform	12.133	173	39279	19.361	ug/l #	97
73) Isopropylbenzene	12.255	105	381701	21.980	ug/l	100
74) N-amyl acetate	12.072	43	90599	19.183	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.505	83	64405	20.895	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	46680m	20.805	ug/l	
77) Bromobenzene	12.530	156	80500	20.901	ug/l	89
78) n-propylbenzene	12.597	91	458742	22.287	ug/l	99
79) 2-Chlorotoluene	12.682	91	259782	21.657	ug/l	96
80) 1,3,5-Trimethylbenzene	12.737	105	306993	21.745	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	21904	18.742	ug/l	93
82) 4-Chlorotoluene	12.780	91	268625	21.782	ug/l	95
83) tert-Butylbenzene	12.999	119	288967	22.610	ug/l	97
84) 1,2,4-Trimethylbenzene	13.042	105	305243	21.843	ug/l	97
85) sec-Butylbenzene	13.176	105	417742	22.499	ug/l	100
86) p-Isopropyltoluene	13.292	119	340634	22.424	ug/l	97
87) 1,3-Dichlorobenzene	13.286	146	161979	21.643	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	162119	21.827	ug/l	97
89) n-Butylbenzene	13.615	91	322690	22.220	ug/l	99
90) Hexachloroethane	13.877	117	68903	21.800	ug/l	90
91) 1,2-Dichlorobenzene	13.657	146	143396	21.471	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	9669	18.822	ug/l	83
93) 1,2,4-Trichlorobenzene	14.919	180	79232	19.506	ug/l	97
94) Hexachlorobutadiene	15.023	225	45173	20.818	ug/l	98
95) Naphthalene	15.145	128	145359	17.870	ug/l	98
96) 1,2,3-Trichlorobenzene	15.328	180	65005	18.710	ug/l	98

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

