

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090924\
 Data File : VY019464.D
 Acq On : 09 Sep 2024 14:26
 Operator : SY/MD
 Sample : VY0909SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0909SBS01

Quant Time: Sep 10 01:48:16 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 :Mahesh Dadoda 09/10/2024
 Supervised By :Semsettin Yesilyurt 09/10/2024

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	644089	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	1076151	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	912662	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	442084	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	315596	52.916	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.840%			
35) Dibromofluoromethane	7.634	113	316843	51.928	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.860%			
50) Toluene-d8	10.109	98	1211852	53.697	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 107.400%			
62) 4-Bromofluorobenzene	12.408	95	437646	50.433	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 100.860%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	96505	25.398	ug/l	96
3) Chloromethane	2.068	50	108221	20.308	ug/l	100
4) Vinyl Chloride	2.208	62	123104	21.364	ug/l	97
5) Bromomethane	2.592	94	76782	21.693	ug/l	99
6) Chloroethane	2.739	64	78212	20.763	ug/l	96
7) Trichlorofluoromethane	3.062	101	201712	21.000	ug/l	100
8) Diethyl Ether	3.452	74	65666	20.366	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.818	101	125655	21.147	ug/l	99
10) Methyl Iodide	4.001	142	155598	20.424	ug/l	95
11) Tert butyl alcohol	4.866	59	45688	94.857	ug/l #	80
12) 1,1-Dichloroethene	3.787	96	113677	19.893	ug/l	92
13) Acrolein	3.653	56	34136	140.969	ug/l	99
14) Allyl chloride	4.385	41	200462	19.561	ug/l #	90
15) Acrylonitrile	5.049	53	136961	98.515	ug/l	99
16) Acetone	3.866	43	130670	91.965	ug/l #	86
17) Carbon Disulfide	4.104	76	295027	19.108	ug/l	100
18) Methyl Acetate	4.385	43	78229	20.288	ug/l	91
19) Methyl tert-butyl Ether	5.110	73	320454	19.800	ug/l	99
20) Methylene Chloride	4.610	84	142870	22.048	ug/l	90
21) trans-1,2-Dichloroethene	5.110	96	123991	19.796	ug/l	89
22) Diisopropyl ether	6.012	45	417704	19.849	ug/l	92
23) Vinyl Acetate	5.958	43	1171632	97.473	ug/l	93
24) 1,1-Dichloroethane	5.915	63	232655	19.702	ug/l	97
25) 2-Butanone	6.890	43	199189	98.568	ug/l #	87
26) 2,2-Dichloropropane	6.878	77	213100	20.006	ug/l	97
27) cis-1,2-Dichloroethene	6.884	96	150156	19.735	ug/l	89
28) Bromochloromethane	7.244	49	92694	18.656	ug/l	86
29) Tetrahydrofuran	7.256	42	116991	95.216	ug/l	87
30) Chloroform	7.415	83	241115	20.002	ug/l	99
31) Cyclohexane	7.701	56	206489	19.345	ug/l	92
32) 1,1,1-Trichloroethane	7.616	97	218032	20.179	ug/l	97
36) 1,1-Dichloropropene	7.835	75	170011	20.477	ug/l	98
37) Ethyl Acetate	6.982	43	82643	19.427	ug/l #	94
38) Carbon Tetrachloride	7.817	117	192419	20.552	ug/l	99
39) Methylcyclohexane	9.109	83	229356	20.758	ug/l	90
40) Benzene	8.079	78	513293	20.072	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	46524	18.762	ug/l	91
42) 1,2-Dichloroethane	8.152	62	140046	20.352	ug/l	96
43) Isopropyl Acetate	8.195	43	174519	19.527	ug/l	91
44) Trichloroethene	8.866	130	134337	20.426	ug/l	96
45) 1,2-Dichloropropane	9.140	63	126036	20.160	ug/l	99
46) Dibromomethane	9.231	93	69391	20.297	ug/l	96
47) Bromodichloromethane	9.426	83	186561	20.301	ug/l	99
48) Methyl methacrylate	9.219	41	82709	19.597	ug/l	86
49) 1,4-Dioxane	9.231	88	15163	376.754	ug/l #	85
51) 4-Methyl-2-Pentanone	10.000	43	449813	100.041	ug/l	91
52) Toluene	10.170	92	331987	20.186	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	174441	19.912	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	202132	19.815	ug/l #	89
55) 1,1,2-Trichloroethane	10.573	97	95271	20.179	ug/l	97
56) Ethyl methacrylate	10.438	69	139824	19.496	ug/l #	83
57) 1,3-Dichloropropane	10.719	76	162166	19.983	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	330817	99.385	ug/l	98
59) 2-Hexanone	10.762	43	326063	98.916	ug/l	90
60) Dibromochloromethane	10.914	129	125459	20.088	ug/l	99
61) 1,2-Dibromoethane	11.018	107	87836	19.968	ug/l	100
64) Tetrachloroethene	10.646	164	116442	20.603	ug/l	95
65) Chlorobenzene	11.444	112	365953	20.384	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	124434	20.019	ug/l	99
67) Ethyl Benzene	11.518	91	654551	20.520	ug/l	99
68) m/p-Xylenes	11.627	106	496257	41.143	ug/l	94
69) o-Xylene	11.957	106	240426	20.382	ug/l	95
70) Styrene	11.969	104	403350	20.253	ug/l	96
71) Bromoform	12.133	173	71863	20.242	ug/l #	96
73) Isopropylbenzene	12.255	105	645211	20.118	ug/l	100
74) N-amyl acetate	12.072	43	165529	18.977	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.511	83	112996	19.850	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	86499m	20.875	ug/l	
77) Bromobenzene	12.536	156	139589	19.624	ug/l	89
78) n-propylbenzene	12.597	91	779111	20.495	ug/l	100
79) 2-Chlorotoluene	12.682	91	444786	20.077	ug/l	96
80) 1,3,5-Trimethylbenzene	12.737	105	530062	20.330	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	40242	18.644	ug/l	93
82) 4-Chlorotoluene	12.780	91	467592	20.531	ug/l	95
83) tert-Butylbenzene	12.999	119	477879	20.246	ug/l	96
84) 1,2,4-Trimethylbenzene	13.042	105	522999	20.264	ug/l	98
85) sec-Butylbenzene	13.176	105	712302	20.773	ug/l	99
86) p-Isopropyltoluene	13.292	119	579433	20.654	ug/l	97
87) 1,3-Dichlorobenzene	13.292	146	281149	20.341	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	279540	20.379	ug/l	97
89) n-Butylbenzene	13.621	91	560941	20.915	ug/l	98
90) Hexachloroethane	13.883	117	116629	19.980	ug/l	95
91) 1,2-Dichlorobenzene	13.657	146	249867	20.259	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	18117	19.096	ug/l	86
93) 1,2,4-Trichlorobenzene	14.919	180	155238	20.694	ug/l	98
94) Hexachlorobutadiene	15.023	225	85362	21.301	ug/l	97
95) Naphthalene	15.145	128	300852	20.027	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	131901	20.556	ug/l	98

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

