

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091224\
 Data File : VY019530.D
 Acq On : 12 Sep 2024 16:10
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 13 01:32:14 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 09/13/2024
 Supervised By :Semsettin Yesilyurt 09/13/2024

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	407798	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.610	114	718422	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	622161	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	298327	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	214958	56.926	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.860%			
35) Dibromofluoromethane	7.634	113	220446	54.119	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.240%			
50) Toluene-d8	10.103	98	813567	53.999	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 108.000%			
62) 4-Bromofluorobenzene	12.402	95	296039	51.102	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 102.200%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	110747	49.659	ug/l	98
3) Chloromethane	2.068	50	175411	51.990	ug/l	96
4) Vinyl Chloride	2.202	62	212578	58.267	ug/l	98
5) Bromomethane	2.592	94	150510	67.162	ug/l	100
6) Chloroethane	2.732	64	153056	64.175	ug/l	100
7) Trichlorofluoromethane	3.056	101	346725	57.012	ug/l	93
8) Diethyl Ether	3.452	74	112668	55.191	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.812	101	203093	53.984	ug/l	96
10) Methyl Iodide	4.001	142	255134	52.895	ug/l	92
11) Tert butyl alcohol	4.854	59	81019	265.678	ug/l	# 77
12) 1,1-Dichloroethene	3.787	96	197486	54.583	ug/l	88
13) Acrolein	3.653	56	28873	193.429	ug/l	97
14) Allyl chloride	4.379	41	352236	54.288	ug/l	# 93
15) Acrylonitrile	5.049	53	241504	274.367	ug/l	99
16) Acetone	3.866	43	199752	222.044	ug/l	# 84
17) Carbon Disulfide	4.104	76	543689	55.618	ug/l	97
18) Methyl Acetate	4.379	43	186440	76.368	ug/l	91
19) Methyl tert-butyl Ether	5.110	73	573481	55.965	ug/l	98
20) Methylene Chloride	4.610	84	242177	59.030	ug/l	# 83
21) trans-1,2-Dichloroethene	5.104	96	226001	56.989	ug/l	88
22) Diisopropyl ether	6.012	45	749407	56.246	ug/l	94
23) Vinyl Acetate	5.951	43	1876891	246.622	ug/l	94
24) 1,1-Dichloroethane	5.909	63	432809	57.889	ug/l	97
25) 2-Butanone	6.884	43	314576	245.865	ug/l	89
26) 2,2-Dichloropropane	6.884	77	365131	54.141	ug/l	97
27) cis-1,2-Dichloroethene	6.884	96	281132	58.360	ug/l	90
28) Bromochloromethane	7.238	49	176927	56.243	ug/l	85
29) Tetrahydrofuran	7.256	42	205788	264.531	ug/l	86
30) Chloroform	7.415	83	457897	59.994	ug/l	98
31) Cyclohexane	7.695	56	341370	50.513	ug/l	93
32) 1,1,1-Trichloroethane	7.610	97	397813	58.151	ug/l	97
36) 1,1-Dichloropropene	7.829	75	308296	55.623	ug/l	96
37) Ethyl Acetate	6.976	43	137062	48.263	ug/l	95
38) Carbon Tetrachloride	7.811	117	341269	54.600	ug/l	100
39) Methylcyclohexane	9.109	83	380120	51.534	ug/l	94
40) Benzene	8.073	78	958139	56.125	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	75686	45.720	ug/l	89
42) 1,2-Dichloroethane	8.152	62	267823	58.302	ug/l	96
43) Isopropyl Acetate	8.195	43	301644	50.557	ug/l	91
44) Trichloroethene	8.859	130	242155	55.155	ug/l	95
45) 1,2-Dichloropropane	9.140	63	230225	55.163	ug/l	100
46) Dibromomethane	9.231	93	128971	56.509	ug/l	95
47) Bromodichloromethane	9.420	83	350575	57.143	ug/l	99
48) Methyl methacrylate	9.219	41	146154	51.873	ug/l	84
49) 1,4-Dioxane	9.231	88	29253	1088.772	ug/l #	86
51) 4-Methyl-2-Pentanone	9.999	43	766934	255.504	ug/l	92
52) Toluene	10.170	92	624823	56.908	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	314266	53.736	ug/l	96
54) cis-1,3-Dichloropropene	9.853	75	366865	53.872	ug/l #	86
55) 1,1,2-Trichloroethane	10.573	97	173045	54.904	ug/l	98
56) Ethyl methacrylate	10.438	69	244840	51.139	ug/l #	80
57) 1,3-Dichloropropane	10.713	76	294014	54.269	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	581799	261.818	ug/l	98
59) 2-Hexanone	10.762	43	524920	238.534	ug/l	89
60) Dibromochloromethane	10.908	129	230058	55.179	ug/l	100
61) 1,2-Dibromoethane	11.012	107	156684	53.354	ug/l	99
64) Tetrachloroethene	10.646	164	209495	54.376	ug/l	95
65) Chlorobenzene	11.438	112	676580	55.284	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	235592	55.599	ug/l	98
67) Ethyl Benzene	11.518	91	1202418	55.295	ug/l	98
68) m/p-Xylenes	11.627	106	904305	109.980	ug/l	93
69) o-Xylene	11.956	106	442932	55.082	ug/l	95
70) Styrene	11.969	104	755939	55.679	ug/l	96
71) Bromoform	12.133	173	127488	52.676	ug/l #	97
73) Isopropylbenzene	12.255	105	1153980	53.320	ug/l	99
74) N-amyl acetate	12.066	43	281288	47.789	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.505	83	197135	51.317	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	138391m	49.493	ug/l	
77) Bromobenzene	12.530	156	256197	53.374	ug/l	92
78) n-propylbenzene	12.597	91	1363521	53.154	ug/l	100
79) 2-Chlorotoluene	12.676	91	796882	53.305	ug/l	96
80) 1,3,5-Trimethylbenzene	12.737	105	931802	52.960	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	67551	46.377	ug/l	93
82) 4-Chlorotoluene	12.773	91	819685	53.333	ug/l	96
83) tert-Butylbenzene	12.993	119	863912	54.237	ug/l	97
84) 1,2,4-Trimethylbenzene	13.042	105	936428	53.767	ug/l	97
85) sec-Butylbenzene	13.176	105	1220167	52.731	ug/l	99
86) p-Isopropyltoluene	13.292	119	994778	52.545	ug/l	97
87) 1,3-Dichlorobenzene	13.285	146	498340	53.429	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	496863	53.677	ug/l	97
89) n-Butylbenzene	13.615	91	931158	51.449	ug/l	99
90) Hexachloroethane	13.877	117	204858	52.005	ug/l	93
91) 1,2-Dichlorobenzene	13.657	146	442302	53.141	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	31283	48.862	ug/l	84
93) 1,2,4-Trichlorobenzene	14.919	180	248952	49.179	ug/l	97
94) Hexachlorobutadiene	15.017	225	127283	47.067	ug/l	99
95) Naphthalene	15.139	128	516717	50.971	ug/l	99
96) 1,2,3-Trichlorobenzene	15.322	180	214162	49.460	ug/l	98

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

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