

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072922\
 Data File : VY009787.D
 Acq On : 29 Jul 2022 20:56
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 01 01:17:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/01/2022
 Supervised By :Mahesh Dadoda 08/01/2022

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	149763	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	221188	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	212023	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	116499	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	51656	52.031	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.060%			
35) Dibromofluoromethane	7.710	113	58436	48.576	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.160%			
50) Toluene-d8	10.179	98	181900	52.097	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery = 104.200%			
62) 4-Bromofluorobenzene	12.477	95	81920	51.356	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery = 102.720%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	59193	44.397	ug/l	99
3) Chloromethane	2.107	50	88546	54.242	ug/l	96
4) Vinyl Chloride	2.241	62	98607	54.129	ug/l	100
5) Bromomethane	2.637	94	71108	56.305	ug/l	97
6) Chloroethane	2.784	64	64177	58.890	ug/l	99
7) Trichlorofluoromethane	3.113	101	114065	47.399	ug/l	95
8) Diethyl Ether	3.521	74	36909	47.318	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.887	101	63718	46.822	ug/l	94
10) Methyl Iodide	4.076	142	85759	48.569	ug/l	90
11) Tert butyl alcohol	4.948	59	32073	217.585	ug/l #	94
12) 1,1-Dichloroethene	3.857	96	59510	46.515	ug/l	82
13) Acrolein	3.716	56	6824	293.036	ug/l	97
14) Allyl chloride	4.466	41	90505	44.993	ug/l #	93
15) Acrylonitrile	5.149	53	97655	259.945	ug/l	98
16) Acetone	3.936	43	73497	205.255	ug/l	94
17) Carbon Disulfide	4.180	76	181951	46.224	ug/l	100
18) Methyl Acetate	4.466	43	46166	50.050	ug/l #	91
19) Methyl tert-butyl Ether	5.210	73	174197	49.861	ug/l	98
20) Methylene Chloride	4.704	84	85089	49.380	ug/l	84
21) trans-1,2-Dichloroethene	5.204	96	71545	48.127	ug/l	83
22) Diisopropyl ether	6.106	45	215061	50.203	ug/l #	93
23) Vinyl Acetate	6.051	43	707489	245.625	ug/l #	93
24) 1,1-Dichloroethane	6.003	63	122421	49.312	ug/l	100
25) 2-Butanone	6.978	43	127805	241.945	ug/l #	88
26) 2,2-Dichloropropane	6.972	77	97890	41.477	ug/l	93
27) cis-1,2-Dichloroethene	6.978	96	82000	49.174	ug/l	85
28) Bromochloromethane	7.319	49	48173	53.828	ug/l #	83
29) Tetrahydrofuran	7.338	42	88467	264.463	ug/l	90
30) Chloroform	7.496	83	129997	50.054	ug/l	97
31) Cyclohexane	7.777	56	104382	43.805	ug/l	91
32) 1,1,1-Trichloroethane	7.691	97	113408	48.647	ug/l	96
36) 1,1-Dichloropropene	7.911	75	95313	48.692	ug/l	95
37) Ethyl Acetate	7.063	43	58985	50.842	ug/l #	95
38) Carbon Tetrachloride	7.892	117	104810	49.970	ug/l	100
39) Methylcyclohexane	9.179	83	119296	49.199	ug/l	90
40) Benzene	8.155	78	292817	50.486	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	25748m	43.560	ug/l	
42) 1,2-Dichloroethane	8.228	62	84654	52.352	ug/l	90
43) Isopropyl Acetate	8.264	43	106558	52.571	ug/l #	94
44) Trichloroethene	8.935	130	82059	49.321	ug/l	96
45) 1,2-Dichloropropane	9.209	63	74567	52.952	ug/l	96
46) Dibromomethane	9.301	93	46426	55.414	ug/l	96
47) Bromodichloromethane	9.490	83	107446	55.824	ug/l	98
48) Methyl methacrylate	9.289	41	46726	52.423	ug/l #	86
49) 1,4-Dioxane	9.295	88	11127	919.220	ug/l #	86
51) 4-Methyl-2-Pentanone	10.069	43	296485	287.530	ug/l	92
52) Toluene	10.240	92	199523	54.921	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	106373	53.516	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	118653	51.976	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	64742	54.653	ug/l	97
56) Ethyl methacrylate	10.508	69	83612	56.655	ug/l #	84
57) 1,3-Dichloropropane	10.788	76	102187	53.041	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	199625	262.446	ug/l	92
59) 2-Hexanone	10.831	43	205384	279.484	ug/l	91
60) Dibromochloromethane	10.983	129	77733	54.253	ug/l	100
61) 1,2-Dibromoethane	11.087	107	60931	52.804	ug/l	99
64) Tetrachloroethene	10.715	164	86148	51.533	ug/l	97
65) Chlorobenzene	11.514	112	204190	47.993	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	79122	49.974	ug/l	98
67) Ethyl Benzene	11.587	91	359071	48.826	ug/l	98
68) m/p-Xylenes	11.703	106	290864	99.636	ug/l	90
69) o-Xylene	12.026	106	137749	50.457	ug/l	89
70) Styrene	12.044	104	237931	51.857	ug/l	93
71) Bromoform	12.203	173	53599	53.015	ug/l #	99
73) Isopropylbenzene	12.325	105	354036	45.715	ug/l	99
74) N-amyl acetate	12.142	43	97226	48.604	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	73880	48.500	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	51056m	47.182	ug/l	
77) Bromobenzene	12.605	156	93073	48.392	ug/l	87
78) n-propylbenzene	12.666	91	432681	47.014	ug/l	98
79) 2-Chlorotoluene	12.751	91	237165	45.533	ug/l	93
80) 1,3,5-Trimethylbenzene	12.812	105	302289	47.097	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.373	75	24910	45.885	ug/l #	85
82) 4-Chlorotoluene	12.849	91	246648	45.521	ug/l	93
83) tert-Butylbenzene	13.074	119	266296	46.168	ug/l	91
84) 1,2,4-Trimethylbenzene	13.117	105	301240	46.565	ug/l	96
85) sec-Butylbenzene	13.251	105	390792	46.146	ug/l	98
86) p-Isopropyltoluene	13.367	119	335969	46.905	ug/l	96
87) 1,3-Dichlorobenzene	13.361	146	183450	47.239	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	181208	46.336	ug/l	97
89) n-Butylbenzene	13.696	91	301895	46.005	ug/l	98
90) Hexachloroethane	13.958	117	63915	45.362	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	163996	47.285	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	12208	47.693	ug/l	73
93) 1,2,4-Trichlorobenzene	15.007	180	100597	45.956	ug/l	99
94) Hexachlorobutadiene	15.111	225	60807	45.880	ug/l	99
95) Naphthalene	15.233	128	205063	49.977	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	91140	47.604	ug/l	99

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

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