

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072922\
 Data File : VY009766.D
 Acq On : 29 Jul 2022 11:05
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Aug 01 01:07:26 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

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	175657	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	249997	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	249630	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	127285	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	55140	46.836	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.680%		
35) Dibromofluoromethane	7.710	113	64263	47.264	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.520%		
50) Toluene-d8	10.179	98	194748	49.105	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery =	98.200%		
62) 4-Bromofluorobenzene	12.477	95	90833	50.382	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery =	100.760%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	66642	42.616	ug/l	99
3) Chloromethane	2.107	50	103093	53.844	ug/l	97
4) Vinyl Chloride	2.241	62	115128	53.881	ug/l	99
5) Bromomethane	2.637	94	80481	54.333	ug/l	97
6) Chloroethane	2.784	64	72373	56.621	ug/l	100
7) Trichlorofluoromethane	3.113	101	130028	46.067	ug/l	91
8) Diethyl Ether	3.521	74	43452	47.494	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.887	101	73728	46.191	ug/l	95
10) Methyl Iodide	4.076	142	100745	48.645	ug/l	89
11) Tert butyl alcohol	4.942	59	34779	201.100	ug/l #	95
12) 1,1-Dichloroethene	3.857	96	69378	46.234	ug/l	86
13) Acrolein	3.722	56	7914	289.587	ug/l	99
14) Allyl chloride	4.466	41	109761	46.522	ug/l #	92
15) Acrylonitrile	5.149	53	110141	249.963	ug/l	97
16) Acetone	3.936	43	117509	279.792	ug/l	92
17) Carbon Disulfide	4.180	76	213020	46.139	ug/l	100
18) Methyl Acetate	4.466	43	50761	46.840	ug/l #	90
19) Methyl tert-butyl Ether	5.210	73	195747	47.770	ug/l	99
20) Methylene Chloride	4.704	84	95221	46.562	ug/l	86
21) trans-1,2-Dichloroethene	5.204	96	82972	47.586	ug/l	87
22) Diisopropyl ether	6.106	45	256872	51.124	ug/l	95
23) Vinyl Acetate	6.051	43	826387	244.641	ug/l #	94
24) 1,1-Dichloroethane	6.009	63	140742	48.334	ug/l	98
25) 2-Butanone	6.972	43	163244	263.478	ug/l #	89
26) 2,2-Dichloropropane	6.972	77	125997	45.517	ug/l	94
27) cis-1,2-Dichloroethene	6.972	96	94523	48.328	ug/l	86
28) Bromochloromethane	7.325	49	53339	50.814	ug/l	87
29) Tetrahydrofuran	7.338	42	99767	254.278	ug/l	92
30) Chloroform	7.496	83	149031	48.924	ug/l	100
31) Cyclohexane	7.777	56	122205	43.725	ug/l	91
32) 1,1,1-Trichloroethane	7.691	97	129138	47.229	ug/l	96
36) 1,1-Dichloropropene	7.911	75	111296	50.305	ug/l	95
37) Ethyl Acetate	7.063	43	67185	51.236	ug/l	97
38) Carbon Tetrachloride	7.892	117	120632	50.885	ug/l	98
39) Methylcyclohexane	9.179	83	132648	48.401	ug/l	89
40) Benzene	8.155	78	337698	51.515	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	30140m	45.115	ug/l	
42) 1,2-Dichloroethane	8.228	62	96277	52.679	ug/l	92
43) Isopropyl Acetate	8.264	43	119353	52.098	ug/l #	93
44) Trichloroethene	8.935	130	94290	50.141	ug/l	99
45) 1,2-Dichloropropane	9.209	63	83926	52.730	ug/l	97
46) Dibromomethane	9.301	93	50206	53.020	ug/l	96
47) Bromodichloromethane	9.490	83	114807	52.775	ug/l	97
48) Methyl methacrylate	9.289	41	53807	53.411	ug/l #	88
49) 1,4-Dioxane	9.289	88	14333	1036.534	ug/l #	75
51) 4-Methyl-2-Pentanone	10.069	43	336668	288.874	ug/l	93
52) Toluene	10.240	92	217114	52.877	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	125699	55.951	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	135025	52.331	ug/l #	88
55) 1,1,2-Trichloroethane	10.642	97	73129	54.619	ug/l	98
56) Ethyl methacrylate	10.508	69	95297	57.132	ug/l #	84
57) 1,3-Dichloropropane	10.788	76	121572	55.831	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	217152	253.489	ug/l	95
59) 2-Hexanone	10.831	43	252228	303.676	ug/l	90
60) Dibromochloromethane	10.983	129	93689	57.854	ug/l	99
61) 1,2-Dibromoethane	11.087	107	71819	55.068	ug/l	100
64) Tetrachloroethene	10.715	164	96062	48.806	ug/l	98
65) Chlorobenzene	11.514	112	243891	48.688	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	93779	50.308	ug/l	98
67) Ethyl Benzene	11.593	91	431723	49.862	ug/l	97
68) m/p-Xylenes	11.697	106	344498	100.231	ug/l	91
69) o-Xylene	12.026	106	156035	48.545	ug/l	90
70) Styrene	12.044	104	272005	50.352	ug/l	93
71) Bromoform	12.203	173	59490	49.977	ug/l #	100
73) Isopropylbenzene	12.325	105	398681	47.118	ug/l	99
74) N-amyl acetate	12.142	43	115042	52.638	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	82220	49.401	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	60987m	51.584	ug/l	
77) Bromobenzene	12.605	156	103690	49.344	ug/l	90
78) n-propylbenzene	12.672	91	480000	47.735	ug/l	98
79) 2-Chlorotoluene	12.751	91	270816	47.588	ug/l	94
80) 1,3,5-Trimethylbenzene	12.812	105	335412	47.830	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	29512	49.756	ug/l	88
82) 4-Chlorotoluene	12.855	91	283623	47.909	ug/l	95
83) tert-Butylbenzene	13.074	119	288524	45.783	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	336907	47.665	ug/l	97
85) sec-Butylbenzene	13.251	105	426411	46.085	ug/l	99
86) p-Isopropyltoluene	13.367	119	363890	46.498	ug/l	96
87) 1,3-Dichlorobenzene	13.367	146	205175	48.356	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	201911	47.255	ug/l	98
89) n-Butylbenzene	13.696	91	320666	44.725	ug/l	99
90) Hexachloroethane	13.958	117	69497	45.144	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	183753	48.492	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	12825	45.858	ug/l	68
93) 1,2,4-Trichlorobenzene	15.007	180	109099	45.617	ug/l	98
94) Hexachlorobutadiene	15.111	225	56838	39.251	ug/l	100
95) Naphthalene	15.233	128	222762	49.690	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	97686	46.699	ug/l	98

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

