

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080922\
 Data File : VY009934.D
 Acq On : 09 Aug 2022 21:21
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 10 01:31:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 08 17:55:50 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 08/10/2022
 Supervised By :Mahesh Dadoda 08/11/2022

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	63190	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	102374	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	99296	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	53086	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	24205	48.791	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.580%		
35) Dibromofluoromethane	7.704	113	27617	49.695	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.380%		
50) Toluene-d8	10.173	98	85820	51.132	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	102.260%		
62) 4-Bromofluorobenzene	12.477	95	45078	58.093	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	116.180%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	22101	40.998	ug/l	98
3) Chloromethane	2.101	50	27212	40.595	ug/l	98
4) Vinyl Chloride	2.235	62	29265	41.962	ug/l	99
5) Bromomethane	2.638	94	20821	43.878	ug/l	96
6) Chloroethane	2.778	64	18092	42.909	ug/l	100
7) Trichlorofluoromethane	3.107	101	53732	47.489	ug/l	100
8) Diethyl Ether	3.515	74	18956	48.107	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.881	101	31475	48.513	ug/l	95
10) Methyl Iodide	4.070	142	35272	47.353	ug/l	98
11) Tert butyl alcohol	4.954	59	13662	190.706	ug/l #	94
12) 1,1-Dichloroethene	3.851	96	28521	47.474	ug/l	97
13) Acrolein	3.710	56	1106	141.433	ug/l	97
14) Allyl chloride	4.466	41	49405	44.132	ug/l	99
15) Acrylonitrile	5.149	53	52566	249.047	ug/l	98
16) Acetone	3.942	43	36598	205.321	ug/l	95
17) Carbon Disulfide	4.174	76	92496	48.293	ug/l	96
18) Methyl Acetate	4.466	43	25178	46.772	ug/l	100
19) Methyl tert-butyl Ether	5.210	73	82332	49.111	ug/l	99
20) Methylene Chloride	4.698	84	48358	58.438	ug/l	98
21) trans-1,2-Dichloroethene	5.204	96	35057	50.942	ug/l	94
22) Diisopropyl ether	6.106	45	117911	50.122	ug/l	98
23) Vinyl Acetate	6.045	43	372764	253.040	ug/l	98
24) 1,1-Dichloroethane	6.003	63	61639	48.484	ug/l	98
25) 2-Butanone	6.978	43	65745	223.976	ug/l	98
26) 2,2-Dichloropropane	6.966	77	42907	38.873	ug/l	96
27) cis-1,2-Dichloroethene	6.972	96	40162	51.425	ug/l	95
28) Bromochloromethane	7.326	49	21617	48.809	ug/l	96
29) Tetrahydrofuran	7.338	42	46345	241.879	ug/l	99
30) Chloroform	7.496	83	64147	50.192	ug/l	97
31) Cyclohexane	7.777	56	57198	46.627	ug/l	98
32) 1,1,1-Trichloroethane	7.691	97	52911	49.075	ug/l	98
36) 1,1-Dichloropropene	7.905	75	48671	51.903	ug/l	99
37) Ethyl Acetate	7.070	43	30192	48.527	ug/l	98
38) Carbon Tetrachloride	7.893	117	47907	51.474	ug/l	99
39) Methylcyclohexane	9.179	83	57818	52.292	ug/l	99
40) Benzene	8.149	78	149478	53.179	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	16532m	48.648	ug/l	
42) 1,2-Dichloroethane	8.228	62	40173	51.510	ug/l	98
43) Isopropyl Acetate	8.265	43	55236	49.873	ug/l	98
44) Trichloroethene	8.935	130	37289	51.208	ug/l	100
45) 1,2-Dichloropropane	9.210	63	38818	53.231	ug/l	95
46) Dibromomethane	9.301	93	22174	54.395	ug/l	96
47) Bromodichloromethane	9.490	83	49625	53.052	ug/l	99
48) Methyl methacrylate	9.289	41	24364	49.454	ug/l	97
49) 1,4-Dioxane	9.295	88	4570	976.663	ug/l	90
51) 4-Methyl-2-Pentanone	10.063	43	155916	254.725	ug/l	99
52) Toluene	10.240	92	95142	54.688	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	49544	50.515	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	56925	50.873	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	31335	53.250	ug/l	96
56) Ethyl methacrylate	10.508	69	41905	55.080	ug/l	98
57) 1,3-Dichloropropane	10.788	76	51951	52.636	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	91269	259.306	ug/l	97
59) 2-Hexanone	10.831	43	110550	264.598	ug/l	100
60) Dibromochloromethane	10.977	129	36201	53.436	ug/l	100
61) 1,2-Dibromoethane	11.087	107	29574	52.859	ug/l	99
64) Tetrachloroethene	10.715	164	36537	50.235	ug/l	96
65) Chlorobenzene	11.514	112	102154	51.818	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	37612	52.780	ug/l	96
67) Ethyl Benzene	11.587	91	181397	53.128	ug/l	97
68) m/p-Xylenes	11.697	106	143035	109.494	ug/l	98
69) o-Xylene	12.026	106	65627	53.520	ug/l	97
70) Styrene	12.038	104	117388	55.818	ug/l	100
71) Bromoform	12.203	173	23135	52.562	ug/l #	98
73) Isopropylbenzene	12.325	105	182538	51.526	ug/l	100
74) N-amyl acetate	12.142	43	54131	47.092	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	39732	48.919	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	27136m	46.721	ug/l	
77) Bromobenzene	12.605	156	42344	49.496	ug/l	90
78) n-propylbenzene	12.666	91	229376	50.970	ug/l	98
79) 2-Chlorotoluene	12.752	91	127062	50.448	ug/l	97
80) 1,3,5-Trimethylbenzene	12.806	105	151503	51.075	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	13784	47.981	ug/l	95
82) 4-Chlorotoluene	12.849	91	131573	49.551	ug/l	98
83) tert-Butylbenzene	13.075	119	128135	49.970	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	152851	52.165	ug/l	99
85) sec-Butylbenzene	13.251	105	199987	50.796	ug/l	98
86) p-Isopropyltoluene	13.367	119	161597	50.702	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	85129	49.753	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	87130	50.061	ug/l	98
89) n-Butylbenzene	13.697	91	164278	52.766	ug/l	99
90) Hexachloroethane	13.959	117	33145	49.910	ug/l	89
91) 1,2-Dichlorobenzene	13.733	146	82104	52.645	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6211	47.809	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	43438	49.138	ug/l	99
94) Hexachlorobutadiene	15.111	225	23858	47.518	ug/l	98
95) Naphthalene	15.233	128	96325	52.042	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	38540	49.003	ug/l	97

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

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