

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081722\
 Data File : VY010056.D
 Acq On : 17 Aug 2022 09:31
 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 08/18/2022
 Supervised By :Mahesh Dadoda 08/18/2022

Quant Time: Aug 17 14:56:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 17 05:12:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	103494	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	138440	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	133280	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	77080	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	48428	46.799	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 93.600%			
35) Dibromofluoromethane	7.710	113	48437	53.952	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.900%			
50) Toluene-d8	10.179	98	172466	51.923	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.840%			
62) 4-Bromofluorobenzene	12.477	95	63609	54.523	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.040%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	40799	48.157	ug/l	99
3) Chloromethane	2.113	50	49644	42.762	ug/l	99
4) Vinyl Chloride	2.247	62	63764	43.318	ug/l	99
5) Bromomethane	2.644	94	51798	43.112	ug/l	98
6) Chloroethane	2.790	64	44554	43.950	ug/l	98
7) Trichlorofluoromethane	3.119	101	87883	50.261	ug/l	100
8) Diethyl Ether	3.521	74	22833	46.624	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.887	101	46917	50.599	ug/l	99
10) Methyl Iodide	4.082	142	55410	50.484	ug/l	100
11) Tert butyl alcohol	4.948	59	20704	205.737	ug/l	99
12) 1,1-Dichloroethene	3.863	96	39910	47.029	ug/l	96
13) Acrolein	3.723	56	11057	160.076	ug/l	98
14) Allyl chloride	4.472	41	55012	44.109	ug/l	97
15) Acrylonitrile	5.149	53	55148	238.825	ug/l	99
16) Acetone	3.942	43	65174	294.049	ug/l	90
17) Carbon Disulfide	4.186	76	99986	41.133	ug/l	99
18) Methyl Acetate	4.466	43	26600	44.070	ug/l	100
19) Methyl tert-butyl Ether	5.210	73	114941	49.295	ug/l	99
20) Methylene Chloride	4.704	84	49181	47.820	ug/l	97
21) trans-1,2-Dichloroethene	5.210	96	46884	48.039	ug/l	98
22) Diisopropyl ether	6.112	45	132921	54.187	ug/l	98
23) Vinyl Acetate	6.051	43	421647	272.403	ug/l	100
24) 1,1-Dichloroethane	6.009	63	79558	51.068	ug/l	96
25) 2-Butanone	6.978	43	83403	275.059	ug/l	98
26) 2,2-Dichloropropane	6.978	77	85153	52.010	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	54858	51.115	ug/l	99
28) Bromochloromethane	7.332	49	31351	48.362	ug/l	95
29) Tetrahydrofuran	7.344	42	47170	239.501	ug/l	95
30) Chloroform	7.502	83	95445	50.097	ug/l	99
31) Cyclohexane	7.783	56	62927	43.038	ug/l	97
32) 1,1,1-Trichloroethane	7.697	97	89886	52.045	ug/l	100
36) 1,1-Dichloropropene	7.911	75	64977	51.954	ug/l	98
37) Ethyl Acetate	7.063	43	32285	51.262	ug/l	96
38) Carbon Tetrachloride	7.899	117	87048	56.594	ug/l	99
39) Methylcyclohexane	9.179	83	73143	51.908	ug/l	98
40) Benzene	8.155	78	186049	50.850	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	17165m	52.764	ug/l	
42) 1,2-Dichloroethane	8.228	62	61877	54.276	ug/l	99
43) Isopropyl Acetate	8.271	43	61433	51.388	ug/l	99
44) Trichloroethene	8.935	130	57653	52.133	ug/l	98
45) 1,2-Dichloropropane	9.209	63	44105	50.982	ug/l	99
46) Dibromomethane	9.301	93	29775	53.738	ug/l	98
47) Bromodichloromethane	9.496	83	72290	54.089	ug/l	99
48) Methyl methacrylate	9.289	41	27097	52.093	ug/l	96
49) 1,4-Dioxane	9.295	88	6942	1218.605	ug/l	97
51) 4-Methyl-2-Pentanone	10.069	43	173137	262.507	ug/l	99
52) Toluene	10.240	92	128977	54.693	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	69864	54.280	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	74661	53.030	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	42228	55.178	ug/l	95
56) Ethyl methacrylate	10.508	69	48917	55.304	ug/l	99
57) 1,3-Dichloropropane	10.788	76	65282	53.283	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	85038	222.157	ug/l	96
59) 2-Hexanone	10.831	43	126913	245.858	ug/l	98
60) Dibromochloromethane	10.983	129	56386	55.625	ug/l	99
61) 1,2-Dibromoethane	11.087	107	39844	53.422	ug/l	98
64) Tetrachloroethene	10.715	164	60809	53.431	ug/l	97
65) Chlorobenzene	11.514	112	143444	51.631	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	60207	54.692	ug/l	99
67) Ethyl Benzene	11.593	91	249684	53.604	ug/l	99
68) m/p-Xylenes	11.703	106	205410	111.010	ug/l	97
69) o-Xylene	12.026	106	97046	56.139	ug/l	95
70) Styrene	12.044	104	165868	56.860	ug/l	98
71) Bromoform	12.209	173	37951	55.029	ug/l #	96
73) Isopropylbenzene	12.331	105	259085	53.777	ug/l	97
74) N-amyl acetate	12.142	43	51850	39.153	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	45143	47.134	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	33434m	45.760	ug/l	
77) Bromobenzene	12.605	156	67374	52.639	ug/l	90
78) n-propylbenzene	12.672	91	302551	50.939	ug/l	97
79) 2-Chlorotoluene	12.758	91	171879	51.173	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	225298	53.680	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	15313	47.364	ug/l	96
82) 4-Chlorotoluene	12.855	91	179938	51.212	ug/l	97
83) tert-Butylbenzene	13.075	119	197815	53.639	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	221883	53.844	ug/l	99
85) sec-Butylbenzene	13.251	105	284601	52.834	ug/l	97
86) p-Isopropyltoluene	13.367	119	251848	54.552	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	134568	51.632	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	133709	50.817	ug/l	99
89) n-Butylbenzene	13.696	91	214089	52.051	ug/l	98
90) Hexachloroethane	13.959	117	48877	52.232	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	120334	51.912	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7963	48.373	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	73313	52.938	ug/l	99
94) Hexachlorobutadiene	15.111	225	46749	52.750	ug/l	99
95) Naphthalene	15.239	128	131443	53.613	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	64195	52.668	ug/l	99

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

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