

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100422\
 Data File : VY010805.D
 Acq On : 04 Oct 2022 18:56
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

Supervised By :Mahesh
 Dadoda
 10/05/2022

Quant Time: Oct 05 07:34:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	73321	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	120757	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	116250	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	58684	50.000	ug/l	0.00

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System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	45902	61.763	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.520%	
35) Dibromofluoromethane	7.716	113	40307	50.284	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.560%	
50) Toluene-d8	10.179	98	152709	55.706	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.420%	
62) 4-Bromofluorobenzene	12.477	95	51211	47.642	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.280%	

10/05/2022

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	23738	46.732	ug/l	98
3) Chloromethane	2.113	50	44884	53.125	ug/l	99
4) Vinyl Chloride	2.247	62	48837	48.005	ug/l	100
5) Bromomethane	2.656	94	34245	47.439	ug/l	100
6) Chloroethane	2.796	64	33871	49.958	ug/l	98
7) Trichlorofluoromethane	3.125	101	59822	48.285	ug/l	95
8) Diethyl Ether	3.528	74	22704	56.963	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.893	101	35618	50.145	ug/l	93
10) Methyl Iodide	4.088	142	48288	50.855	ug/l	93
11) Tert butyl alcohol	4.942	59	21651	344.237	ug/l	97
12) 1,1-Dichloroethene	3.869	96	33329	48.079	ug/l	90
13) Acrolein	3.729	56	17235	341.719	ug/l	99
14) Allyl chloride	4.479	41	54709	52.722	ug/l #	91
15) Acrylonitrile	5.155	53	67779	349.065	ug/l	98
16) Acetone	3.942	43	51431	272.477	ug/l #	85
17) Carbon Disulfide	4.192	76	111309	49.687	ug/l	99
18) Methyl Acetate	4.473	43	32585	67.582	ug/l #	90
19) Methyl tert-butyl Ether	5.216	73	107809	59.410	ug/l	98
20) Methylene Chloride	4.710	84	50827	62.780	ug/l #	79
21) trans-1,2-Dichloroethene	5.210	96	41580	51.368	ug/l	88
22) Diisopropyl ether	6.119	45	132908	58.400	ug/l	95
23) Vinyl Acetate	6.058	43	421977	306.101	ug/l #	92
24) 1,1-Dichloroethane	6.015	63	77615	56.003	ug/l	99
25) 2-Butanone	6.978	43	82707	304.775	ug/l	92
26) 2,2-Dichloropropane	6.978	77	61550	46.788	ug/l	95
27) cis-1,2-Dichloroethene	6.984	96	48616	54.119	ug/l	89
28) Bromochloromethane	7.332	49	34158	65.006	ug/l	91
29) Tetrahydrofuran	7.344	42	55930	350.480	ug/l	89
30) Chloroform	7.502	83	80487	56.274	ug/l	100
31) Cyclohexane	7.783	56	59117	44.439	ug/l	93
32) 1,1,1-Trichloroethane	7.698	97	66597	51.688	ug/l	97
36) 1,1-Dichloropropene	7.917	75	57502	49.691	ug/l	99
37) Ethyl Acetate	7.070	43	37914	66.767	ug/l	95
38) Carbon Tetrachloride	7.899	117	59481	49.351	ug/l	98
39) Methylcyclohexane	9.179	83	62518	43.984	ug/l	95
40) Benzene	8.161	78	176295	52.887	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	20183m	60.130	ug/l	
42) 1,2-Dichloroethane	8.234	62	55990	59.412	ug/l	
43) Isopropyl Acetate	8.271	43	63742	62.020	ug/l #	90
44) Trichloroethene	8.941	130	45909	50.864	ug/l	100
45) 1,2-Dichloropropane	9.216	63	45347	56.430	ug/l	97
46) Dibromomethane	9.301	93	27740	60.350	ug/l	95
47) Bromodichloromethane	9.496	83	63620	57.353	ug/l	99
48) Methyl methacrylate	9.289	41	29173	60.434	ug/l #	87
49) 1,4-Dioxane	9.295	88	8612	1522.016	ug/l	87
51) 4-Methyl-2-Pentanone	10.069	43	187174	332.875	ug/l	92
52) Toluene	10.246	92	109223	51.484	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	63189	55.020	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	71732	54.542	ug/l #	85
55) 1,1,2-Trichloroethane	10.642	97	38870	60.267	ug/l	99
56) Ethyl methacrylate	10.508	69	49465	59.690	ug/l #	79
57) 1,3-Dichloropropane	10.788	76	66180	60.352	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	123900	286.565	ug/l	96
59) 2-Hexanone	10.831	43	124971	320.898	ug/l	90
60) Dibromochloromethane	10.984	129	45165	58.406	ug/l	99
61) 1,2-Dibromoethane	11.087	107	37758	61.399	ug/l	99
64) Tetrachloroethene	10.715	164	45765	49.651	ug/l	98
65) Chlorobenzene	11.514	112	118089	49.053	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	45372	51.563	ug/l	98
67) Ethyl Benzene	11.593	91	200825	46.353	ug/l	98
68) m/p-Xylenes	11.703	106	159832	94.266	ug/l	94
69) o-Xylene	12.026	106	75443	47.591	ug/l	94
70) Styrene	12.044	104	131029	49.044	ug/l	95
71) Bromoform	12.203	173	29395	56.122	ug/l #	99
73) Isopropylbenzene	12.331	105	193997	44.967	ug/l	100
74) N-amyl acetate	12.142	43	50930	51.366	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.581	83	45649	56.635	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	34688m	58.369	ug/l	
77) Bromobenzene	12.605	156	48577	49.084	ug/l	99
78) n-propylbenzene	12.672	91	235136	44.752	ug/l	99
79) 2-Chlorotoluene	12.758	91	136318	46.374	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	167982	46.036	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	14656	51.516	ug/l	92
82) 4-Chlorotoluene	12.855	91	143055	46.540	ug/l	99
83) tert-Butylbenzene	13.075	119	140200	45.068	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	168929	47.089	ug/l	98
85) sec-Butylbenzene	13.251	105	210298	44.910	ug/l	100
86) p-Isopropyltoluene	13.367	119	174684	44.464	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	94812	47.200	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	94598	47.560	ug/l	98
89) n-Butylbenzene	13.696	91	161118	44.566	ug/l	99
90) Hexachloroethane	13.959	117	33853	45.049	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	87310	49.868	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6927	53.445	ug/l	83
93) 1,2,4-Trichlorobenzene	15.007	180	45031	43.835	ug/l	97
94) Hexachlorobutadiene	15.111	225	28086	44.342	ug/l	98
95) Naphthalene	15.233	128	92826	47.411	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	41020	46.841	ug/l	99

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

