

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082522\
 Data File : VY010199.D
 Acq On : 25 Aug 2022 11:19
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 26 06:45:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082422S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 06:12:05 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/26/2022
 Supervised By :Semsettin Yesilyurt 08/27/2022

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	200915	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	308436	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	292979	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	155323	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	81356	48.088	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.180%		
35) Dibromofluoromethane	7.710	113	91168	45.082	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	90.160%		
50) Toluene-d8	10.179	98	298205	42.492	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery =	84.980%		
62) 4-Bromofluorobenzene	12.483	95	123241	45.839	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery =	91.680%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	60939	45.108	ug/l	98
3) Chloromethane	2.107	50	80627	47.554	ug/l	98
4) Vinyl Chloride	2.241	62	90494	48.923	ug/l	99
5) Bromomethane	2.644	94	67613	45.386	ug/l	100
6) Chloroethane	2.784	64	59527	45.213	ug/l	99
7) Trichlorofluoromethane	3.119	101	88671	49.767	ug/l	95
8) Diethyl Ether	3.522	74	59314	48.650	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.887	101	101182	48.314	ug/l	94
10) Methyl Iodide	4.082	142	122865	53.435	ug/l	88
11) Tert butyl alcohol	4.942	59	50522	234.942	ug/l #	95
12) 1,1-Dichloroethene	3.863	96	91428	48.899	ug/l	86
13) Acrolein	3.723	56	13878	159.586	ug/l	98
14) Allyl chloride	4.466	41	168351	51.131	ug/l	88
15) Acrylonitrile	5.149	53	166337	252.808	ug/l	98
16) Acetone	3.942	43	128704	235.944	ug/l #	88
17) Carbon Disulfide	4.186	76	244482	51.356	ug/l	100
18) Methyl Acetate	4.466	43	81190	49.962	ug/l	95
19) Methyl tert-butyl Ether	5.210	73	282154	51.099	ug/l	98
20) Methylene Chloride	4.704	84	119091	46.033	ug/l	88
21) trans-1,2-Dichloroethene	5.210	96	107663	49.733	ug/l	87
22) Diisopropyl ether	6.113	45	383324	52.212	ug/l	91
23) Vinyl Acetate	6.052	43	1209306	280.626	ug/l	96
24) 1,1-Dichloroethane	6.009	63	203447	48.636	ug/l	99
25) 2-Butanone	6.978	43	218848	241.627	ug/l	93
26) 2,2-Dichloropropane	6.972	77	176166	45.642	ug/l	94
27) cis-1,2-Dichloroethene	6.972	96	130045	49.781	ug/l	88
28) Bromochloromethane	7.326	49	71998	51.235	ug/l	90
29) Tetrahydrofuran	7.338	42	147683	269.883	ug/l	94
30) Chloroform	7.496	83	209964	48.421	ug/l	100
31) Cyclohexane	7.777	56	173626	50.694	ug/l	97
32) 1,1,1-Trichloroethane	7.698	97	180174	49.481	ug/l	96
36) 1,1-Dichloropropene	7.911	75	154997	52.113	ug/l	98
37) Ethyl Acetate	7.070	43	101055	53.155	ug/l	96
38) Carbon Tetrachloride	7.893	117	159590	50.660	ug/l	99
39) Methylcyclohexane	9.179	83	182874	55.442	ug/l	93
40) Benzene	8.155	78	462012	50.752	ug/l	98

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41) Methacrylonitrile	7.301	41	43926m	46.305	ug/l	
42) 1,2-Dichloroethane	8.234	62	126877	50.143	ug/l	90
43) Isopropyl Acetate	8.271	43	178960	54.093	ug/l	94
44) Trichloroethene	8.935	130	126902	50.511	ug/l	97
45) 1,2-Dichloropropane	9.210	63	123153	51.503	ug/l	95
46) Dibromomethane	9.301	93	67629	51.270	ug/l	96
47) Bromodichloromethane	9.490	83	162022	49.904	ug/l	100
48) Methyl methacrylate	9.289	41	79570	55.955	ug/l #	85
49) 1,4-Dioxane	9.295	88	16287	1061.653	ug/l #	85
51) 4-Methyl-2-Pentanone	10.069	43	499596	275.684	ug/l	92
52) Toluene	10.240	92	298473	52.342	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	169489	52.689	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	191945	51.506	ug/l #	86
55) 1,1,2-Trichloroethane	10.642	97	101597	50.765	ug/l	99
56) Ethyl methacrylate	10.508	69	137267	56.170	ug/l #	82
57) 1,3-Dichloropropane	10.789	76	167712	51.641	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.777	63	213733	214.999	ug/l	98
59) 2-Hexanone	10.831	43	347119	283.011	ug/l	91
60) Dibromochloromethane	10.984	129	118808	50.352	ug/l	100
61) 1,2-Dibromoethane	11.087	107	95047	51.630	ug/l	99
64) Tetrachloroethene	10.715	164	120986	50.148	ug/l	99
65) Chlorobenzene	11.514	112	322519	50.514	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	123453	50.760	ug/l	97
67) Ethyl Benzene	11.593	91	584692	53.283	ug/l	98
68) m/p-Xylenes	11.703	106	450684	106.966	ug/l	93
69) o-Xylene	12.026	106	213275	53.036	ug/l	94
70) Styrene	12.044	104	369739	53.712	ug/l	95
71) Bromoform	12.203	173	76240	49.653	ug/l #	99
73) Isopropylbenzene	12.331	105	575643	53.728	ug/l	100
74) N-amyl acetate	12.142	43	158641	54.106	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	120727	51.235	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	88441m	51.699	ug/l	
77) Bromobenzene	12.605	156	134074	50.662	ug/l	98
78) n-propylbenzene	12.672	91	715106	53.646	ug/l	99
79) 2-Chlorotoluene	12.758	91	391937	52.236	ug/l	97
80) 1,3,5-Trimethylbenzene	12.813	105	481563	52.878	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	41936	52.123	ug/l	85
82) 4-Chlorotoluene	12.855	91	406480	51.799	ug/l	98
83) tert-Butylbenzene	13.075	119	418974	53.545	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	474402	52.654	ug/l	98
85) sec-Butylbenzene	13.252	105	641188	53.823	ug/l	100
86) p-Isopropyltoluene	13.367	119	524534	53.988	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	269792	50.075	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	265588	48.880	ug/l	98
89) n-Butylbenzene	13.697	91	499572	53.592	ug/l	99
90) Hexachloroethane	13.959	117	102003	49.740	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	239848	49.788	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	18281	51.638	ug/l	78
93) 1,2,4-Trichlorobenzene	15.007	180	143294	49.483	ug/l	100
94) Hexachlorobutadiene	15.111	225	83635	62.045	ug/l	99
95) Naphthalene	15.233	128	294019	48.647	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	124181	48.837	ug/l	99

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

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