

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092822\
 Data File : VY010724.D
 Acq On : 28 Sep 2022 18:07
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 29 01:14:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa
 Patel
 09/29/2022
 Supervised By :Mahesh
 Dadoda
 09/30/2022

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	201168	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	321726	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	293422	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	148930	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	110084	57.213	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.420%	
35) Dibromofluoromethane	7.716	113	109089	53.130	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.260%	
50) Toluene-d8	10.179	98	391108	51.444	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.880%	
62) 4-Bromofluorobenzene	12.477	95	144438	51.361	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.720%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	67222	76.359	ug/l	99
3) Chloromethane	2.113	50	99719	74.972	ug/l	98
4) Vinyl Chloride	2.247	62	127359	72.721	ug/l	99
5) Bromomethane	2.644	94	90087	77.341	ug/l	98
6) Chloroethane	2.790	64	93916	66.273	ug/l	99
7) Trichlorofluoromethane	3.119	101	169573	64.152	ug/l	93
8) Diethyl Ether	3.528	74	59897	66.089	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.893	101	104033	65.395	ug/l	95
10) Methyl Iodide	4.082	142	122242	66.516	ug/l	92
11) Tert butyl alcohol	4.948	59	47744	278.569	ug/l #	94
12) 1,1-Dichloroethene	3.869	96	93599	65.891	ug/l	83
13) Acrolein	3.723	56	47319	528.659	ug/l	99
14) Allyl chloride	4.473	41	142643	66.605	ug/l #	93
15) Acrylonitrile	5.155	53	155355	330.264	ug/l	98
16) Acetone	3.942	43	114885	292.791	ug/l	90
17) Carbon Disulfide	4.186	76	212616	79.764	ug/l	100
18) Methyl Acetate	4.473	43	71812	65.327	ug/l #	86
19) Methyl tert-butyl Ether	5.216	73	290944	65.694	ug/l	96
20) Methylene Chloride	4.710	84	125856	63.411	ug/l #	84
21) trans-1,2-Dichloroethene	5.210	96	105730	66.142	ug/l	88
22) Diisopropyl ether	6.112	45	347138	68.667	ug/l #	95
23) Vinyl Acetate	6.051	43	1055835	353.545	ug/l #	92
24) 1,1-Dichloroethane	6.009	63	206680	68.118	ug/l	99
25) 2-Butanone	6.984	43	190941	311.110	ug/l #	85
26) 2,2-Dichloropropane	6.978	77	175140	60.027	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	133437	67.002	ug/l	88
28) Bromochloromethane	7.332	49	85563	59.081	ug/l	85
29) Tetrahydrofuran	7.344	42	123244	326.943	ug/l #	84
30) Chloroform	7.502	83	222813	67.877	ug/l	98
31) Cyclohexane	7.783	56	154235	73.013	ug/l	91
32) 1,1,1-Trichloroethane	7.698	97	194343	66.522	ug/l	96
36) 1,1-Dichloropropene	7.911	75	152099	66.484	ug/l	97
37) Ethyl Acetate	7.070	43	85926	65.026	ug/l #	93
38) Carbon Tetrachloride	7.893	117	171916	65.354	ug/l	98
39) Methylcyclohexane	9.179	83	175542	65.558	ug/l	90
40) Benzene	8.155	78	456815	66.980	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	42151	62.539	ug/l #	44
42) 1,2-Dichloroethane	8.234	62	141251	67.258	ug/l	94
43) Isopropyl Acetate	8.271	43	158011	65.235	ug/l #	91
44) Trichloroethene	8.935	130	127081	65.091	ug/l	98
45) 1,2-Dichloropropane	9.209	63	118966	67.428	ug/l	95
46) Dibromomethane	9.301	93	68157	65.782	ug/l	95
47) Bromodichloromethane	9.490	83	174903	68.366	ug/l	97
48) Methyl methacrylate	9.289	41	71781	67.132	ug/l #	84
49) 1,4-Dioxane	9.289	88	18659	1224.674	ug/l #	86
51) 4-Methyl-2-Pentanone	10.069	43	452554	330.929	ug/l	90
52) Toluene	10.240	92	297620	66.694	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	172019	66.498	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	191334	66.342	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	99547	65.319	ug/l	98
56) Ethyl methacrylate	10.508	69	131989	66.853	ug/l #	82
57) 1,3-Dichloropropane	10.788	76	166338	65.891	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	334942	295.606	ug/l	95
59) 2-Hexanone	10.831	43	305543	329.636	ug/l	88
60) Dibromochloromethane	10.984	129	123641	66.294	ug/l	99
61) 1,2-Dibromoethane	11.087	107	92244	64.652	ug/l	98
64) Tetrachloroethene	10.715	164	122254	62.372	ug/l	95
65) Chlorobenzene	11.514	112	326947	64.438	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	128086	64.797	ug/l	98
67) Ethyl Benzene	11.587	91	587444	65.933	ug/l	99
68) m/p-Xylenes	11.697	106	451426	130.789	ug/l	96
69) o-Xylene	12.026	106	217938	64.764	ug/l	95
70) Styrene	12.038	104	377008	65.950	ug/l	96
71) Bromoform	12.203	173	77726	63.324	ug/l #	100
73) Isopropylbenzene	12.325	105	581801	63.211	ug/l	100
74) N-amyl acetate	12.142	43	141515	63.403	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.575	83	112567	60.017	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	80232m	56.444	ug/l	
77) Bromobenzene	12.605	156	135529	61.886	ug/l	97
78) n-propylbenzene	12.666	91	700912	63.932	ug/l	99
79) 2-Chlorotoluene	12.752	91	397417	63.619	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	491852	63.244	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.374	75	38592	60.366	ug/l	88
82) 4-Chlorotoluene	12.849	91	405717	62.896	ug/l	99
83) tert-Butylbenzene	13.069	119	440103	63.276	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	487024	63.036	ug/l	98
85) sec-Butylbenzene	13.251	105	634555	62.294	ug/l	100
86) p-Isopropyltoluene	13.367	119	532169	62.516	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	268065	60.307	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	264143	60.041	ug/l	99
89) n-Butylbenzene	13.690	91	479133	61.314	ug/l	99
90) Hexachloroethane	13.959	117	101487	62.095	ug/l	91
91) 1,2-Dichlorobenzene	13.733	146	240739	60.798	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	18719	59.809	ug/l	84
93) 1,2,4-Trichlorobenzene	15.001	180	137226	56.812	ug/l	98
94) Hexachlorobutadiene	15.111	225	81356	55.415	ug/l	99
95) Naphthalene	15.233	128	291126	59.816	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	121853	57.937	ug/l	98

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

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