

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101022\
 Data File : VY010885.D
 Acq On : 10 Oct 2022 11:45
 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: Oct 11 09:43:17 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

Manual Integrations APPROVED

Reviewed By :Krupa
 Patel

10/11/2022

Supervised By :Mahesh
 Dadoda

10/11/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	1

Internal Standards							
1) Pentafluorobenzene	7.789	168	263593	50.000	ug/l	0.00	
34) 1,4-Difluorobenzene	8.685	114	418801	50.000	ug/l	0.00	
63) Chlorobenzene-d5	11.490	117	374254	50.000	ug/l	0.00	
72) 1,4-Dichlorobenzene-d4	13.428	152	181408	50.000	ug/l	0.00	
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.137	65	138296	51.760	ug/l	0.00	
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.520%	
35) Dibromofluoromethane	7.716	113	137285	49.383	ug/l	0.00	
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.760%	
50) Toluene-d8	10.179	98	533387	56.102	ug/l	0.00	
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.200%	
62) 4-Bromofluorobenzene	12.483	95	177825	47.706	ug/l	0.00	
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.420%	
Target Compounds						Qvalue	
2) Dichlorodifluoromethane	1.906	85	88499	48.462	ug/l	99	
3) Chloromethane	2.113	50	137737	45.348	ug/l	95	
4) Vinyl Chloride	2.253	62	158713	43.395	ug/l	99	
5) Bromomethane	2.650	94	106043	40.861	ug/l	100	
6) Chloroethane	2.790	64	103229	42.352	ug/l	99	
7) Trichlorofluoromethane	3.125	101	217141	48.751	ug/l	94	
8) Diethyl Ether	3.528	74	74395	51.920	ug/l	84	
9) 1,1,2-Trichlorotrifluo...	3.899	101	131855	51.635	ug/l	93	
10) Methyl Iodide	4.088	142	171925	50.365	ug/l	91	
11) Tert butyl alcohol	4.948	59	58918	252.849	ug/l	98	
12) 1,1-Dichloroethene	3.869	96	126821	50.889	ug/l	87	
13) Acrolein	3.729	56	45209	245.157	ug/l	100	
14) Allyl chloride	4.479	41	206515	55.358	ug/l	#	88
15) Acrylonitrile	5.155	53	181767	260.388	ug/l		97
16) Acetone	3.948	43	191952	282.873	ug/l		91
17) Carbon Disulfide	4.192	76	396500	49.232	ug/l		99
18) Methyl Acetate	4.479	43	88966	51.325	ug/l	#	91
19) Methyl tert-butyl Ether	5.216	73	335430	51.417	ug/l		98
20) Methylene Chloride	4.710	84	164566	55.961	ug/l		86
21) trans-1,2-Dichloroethene	5.216	96	148589	51.061	ug/l		87
22) Diisopropyl ether	6.112	45	437139	53.429	ug/l	#	93
23) Vinyl Acetate	6.058	43	1309459	264.218	ug/l	#	94
24) 1,1-Dichloroethane	6.015	63	262822	52.750	ug/l		99
25) 2-Butanone	6.978	43	255011	261.391	ug/l	#	88
26) 2,2-Dichloropropane	6.978	77	235978	49.896	ug/l		96
27) cis-1,2-Dichloroethene	6.978	96	166835	51.660	ug/l		91
28) Bromochloromethane	7.332	49	112250	59.826	ug/l		91
29) Tetrahydrofuran	7.344	42	146607	255.545	ug/l	#	88
30) Chloroform	7.502	83	259768	50.520	ug/l		98
31) Cyclohexane	7.783	56	234479	49.029	ug/l		95
32) 1,1,1-Trichloroethane	7.698	97	234044	50.527	ug/l		96
36) 1,1-Dichloropropene	7.917	75	206090	51.352	ug/l		98
37) Ethyl Acetate	7.070	43	100907	51.238	ug/l		95
38) Carbon Tetrachloride	7.899	117	210765	50.422	ug/l		97
39) Methylcyclohexane	9.179	83	253816	51.488	ug/l		92
40) Benzene	8.155	78	599793	51.882	ug/l		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	48335m	42.320	ug/l	
42) 1,2-Dichloroethane	8.234	62	161261	49.340	ug/l	92
43) Isopropyl Acetate	8.271	43	180117	50.532	ug/l #	88
44) Trichloroethene	8.935	130	159220	50.865	ug/l	95
45) 1,2-Dichloropropane	9.216	63	150404	53.966	ug/l	96
46) Dibromomethane	9.301	93	80531	50.517	ug/l	95
47) Bromodichloromethane	9.496	83	201499	52.377	ug/l	99
48) Methyl methacrylate	9.289	41	86512	51.675	ug/l #	81
49) 1,4-Dioxane	9.295	88	20044	1021.420	ug/l #	86
51) 4-Methyl-2-Pentanone	10.069	43	505086	259.004	ug/l	89
52) Toluene	10.240	92	372522	50.631	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	205031	51.476	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	238023	52.185	ug/l #	84
55) 1,1,2-Trichloroethane	10.642	97	113315	50.659	ug/l	99
56) Ethyl methacrylate	10.508	69	151375	52.670	ug/l #	79
57) 1,3-Dichloropropane	10.788	76	198728	52.256	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	398954	267.906	ug/l	98
59) 2-Hexanone	10.831	43	365497	270.612	ug/l	86
60) Dibromochloromethane	10.984	129	137758	51.366	ug/l	100
61) 1,2-Dibromoethane	11.087	107	108272	50.766	ug/l	99
64) Tetrachloroethene	10.721	164	151851	51.173	ug/l	99
65) Chlorobenzene	11.514	112	392698	50.669	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	145261	51.277	ug/l	97
67) Ethyl Benzene	11.593	91	722193	51.778	ug/l	98
68) m/p-Xylenes	11.703	106	556586	101.965	ug/l	94
69) o-Xylene	12.026	106	261343	51.208	ug/l	94
70) Styrene	12.044	104	444905	51.726	ug/l	95
71) Bromoform	12.209	173	84178	49.921	ug/l #	99
73) Isopropylbenzene	12.331	105	697835	52.326	ug/l	100
74) N-amyl acetate	12.142	43	163243	53.260	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.581	83	128771	51.681	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	98338m	53.529	ug/l	
77) Bromobenzene	12.611	156	156368	51.111	ug/l	99
78) n-propylbenzene	12.672	91	851237	52.409	ug/l	100
79) 2-Chlorotoluene	12.758	91	470964	51.829	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	582305	51.624	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	45800	52.078	ug/l	87
82) 4-Chlorotoluene	12.855	91	488855	51.448	ug/l	99
83) tert-Butylbenzene	13.075	119	501752	52.177	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	581883	52.470	ug/l	99
85) sec-Butylbenzene	13.251	105	756368	52.252	ug/l	100
86) p-Isopropyltoluene	13.367	119	633058	52.127	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	316046	50.897	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	311154	50.605	ug/l	99
89) n-Butylbenzene	13.697	91	591254	52.905	ug/l	99
90) Hexachloroethane	13.959	117	120686	51.953	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	277989	51.362	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	19825	49.481	ug/l	80
93) 1,2,4-Trichlorobenzene	15.007	180	170466	53.679	ug/l	99
94) Hexachlorobutadiene	15.111	225	101618	51.899	ug/l	99
95) Naphthalene	15.233	128	336250	55.556	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	144074	53.221	ug/l	97

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

