

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011323\
 Data File : VY012192.D
 Acq On : 13 Jan 2023 16:13
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 16 08:18:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:46:48 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

01/16/2023
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	166856	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	246578	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	235133	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	128586	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	84533	45.087	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.180%
35) Dibromofluoromethane	7.716	113	78329	48.330	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.660%
50) Toluene-d8	10.179	98	293516	45.883	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.760%
62) 4-Bromofluorobenzene	12.483	95	114750	51.319	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.640%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	65142	49.049	ug/l	96
3) Chloromethane	2.113	50	59462	48.974	ug/l	99
4) Vinyl Chloride	2.253	62	72104	44.463	ug/l	98
5) Bromomethane	2.656	94	53340	50.278	ug/l	93
6) Chloroethane	2.796	64	49598	46.163	ug/l	94
7) Trichlorofluoromethane	3.131	101	150740	46.659	ug/l	99
8) Diethyl Ether	3.527	74	47143	47.661	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.899	101	81556	49.030	ug/l	96
10) Methyl Iodide	4.094	142	106688	47.312	ug/l	96
11) Tert butyl alcohol	4.948	59	44991	198.732	ug/l	100
12) 1,1-Dichloroethene	3.875	96	76326	46.804	ug/l	95
13) Acrolein	3.729	56	16579	158.909	ug/l	99
14) Allyl chloride	4.485	41	103823	47.228	ug/l #	89
15) Acrylonitrile	5.161	53	112467	242.008	ug/l	99
16) Acetone	3.948	43	107668	244.119	ug/l	98
17) Carbon Disulfide	4.198	76	177525	44.643	ug/l	100
18) Methyl Acetate	4.472	43	57045	44.963	ug/l #	89
19) Methyl tert-butyl Ether	5.216	73	241545	50.323	ug/l	96
20) Methylene Chloride	4.716	84	108387	59.220	ug/l	89
21) trans-1,2-Dichloroethene	5.216	96	85029	47.121	ug/l	92
22) Diisopropyl ether	6.118	45	229651	50.782	ug/l #	93
23) Vinyl Acetate	6.057	43	683404	249.728	ug/l #	93
24) 1,1-Dichloroethane	6.015	63	149052	49.550	ug/l	98
25) 2-Butanone	6.984	43	136375	234.362	ug/l	90
26) 2,2-Dichloropropane	6.978	77	157921	48.664	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	102665	49.813	ug/l	95
28) Bromochloromethane	7.332	49	36097	47.465	ug/l	83
29) Tetrahydrofuran	7.344	42	80063	235.714	ug/l #	86
30) Chloroform	7.502	83	175185	51.090	ug/l	97
31) Cyclohexane	7.783	56	116720	49.237	ug/l	93
32) 1,1,1-Trichloroethane	7.704	97	166741	50.065	ug/l	98
36) 1,1-Dichloropropene	7.917	75	119247	48.497	ug/l	98
37) Ethyl Acetate	7.069	43	56288	42.753	ug/l #	92
38) Carbon Tetrachloride	7.899	117	156333	50.092	ug/l	96
39) Methylcyclohexane	9.185	83	140461	47.820	ug/l	94
40) Benzene	8.161	78	350962	48.982	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	36800m	51.393	ug/l	
42) 1,2-Dichloroethane	8.234	62	113389	49.985	ug/l	99
43) Isopropyl Acetate	8.270	43	107550	48.745	ug/l #	95
44) Trichloroethene	8.941	130	106465	50.888	ug/l	93
45) 1,2-Dichloropropane	9.215	63	80624	50.502	ug/l	98
46) Dibromomethane	9.307	93	50991	50.737	ug/l	97
47) Bromodichloromethane	9.496	83	133694	52.317	ug/l	95
48) Methyl methacrylate	9.289	41	48618	49.192	ug/l	90
49) 1,4-Dioxane	9.295	88	13886	997.767	ug/l	89
51) 4-Methyl-2-Pentanone	10.069	43	291691	248.454	ug/l	95
52) Toluene	10.246	92	239511	50.501	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	137440	51.700	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	148782	51.732	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	76653	52.808	ug/l	98
56) Ethyl methacrylate	10.508	69	100852	53.038	ug/l	95
57) 1,3-Dichloropropane	10.788	76	124505	51.974	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	169041	243.044	ug/l	92
59) 2-Hexanone	10.831	43	212416	257.669	ug/l	96
60) Dibromochloromethane	10.983	129	101839	53.210	ug/l	100
61) 1,2-Dibromoethane	11.087	107	71544	51.497	ug/l	99
64) Tetrachloroethene	10.721	164	124150	53.898	ug/l	95
65) Chlorobenzene	11.514	112	267270	49.770	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	105022	50.655	ug/l	97
67) Ethyl Benzene	11.593	91	479852	49.992	ug/l	99
68) m/p-Xylenes	11.703	106	375313	99.693	ug/l	99
69) o-Xylene	12.032	106	181342	50.590	ug/l	100
70) Styrene	12.044	104	311945	51.231	ug/l	100
71) Bromoform	12.209	173	67043	50.893	ug/l #	98
73) Isopropylbenzene	12.331	105	499382	49.081	ug/l	99
74) N-amyl acetate	12.142	43	104730	49.859	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	77753	45.428	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	57708m	39.305	ug/l	
77) Bromobenzene	12.611	156	118900	48.996	ug/l	91
78) n-propylbenzene	12.672	91	579441	48.784	ug/l	99
79) 2-Chlorotoluene	12.757	91	326572	48.065	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	425567	48.765	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	30651	46.364	ug/l	98
82) 4-Chlorotoluene	12.855	91	339380	47.757	ug/l	98
83) tert-Butylbenzene	13.075	119	381731	49.924	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	424873	49.184	ug/l	99
85) sec-Butylbenzene	13.257	105	543869	49.487	ug/l	98
86) p-Isopropyltoluene	13.373	119	471110	49.479	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	236513	48.621	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	234368	48.231	ug/l	99
89) n-Butylbenzene	13.696	91	418410	50.710	ug/l	98
90) Hexachloroethane	13.965	117	86945	49.221	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	212187	48.963	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	16231	47.714	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	142170	52.620	ug/l	99
94) Hexachlorobutadiene	15.117	225	83397	51.159	ug/l	99
95) Naphthalene	15.239	128	279084	52.195	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	121727	51.819	ug/l	99

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

