

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072320\
 Data File : VY003331.D
 Acq On : 23 Jul 2020 21:09
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/24/2020 12:58:32 PM

Quant Time: Jul 24 06:38:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	423866	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	648077	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	607967	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	325517	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	180521	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
35) Dibromofluoromethane	7.72	113	171599	46.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.02%	
50) Toluene-d8	10.18	98	622915	44.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.84%	
62) 4-Bromofluorobenzene	12.48	95	226437	45.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	117343	38.625	ug/l	96
3) Chloromethane	2.11	50	173821	41.249	ug/l	99
4) Vinyl Chloride	2.26	62	188789	43.665	ug/l	100
5) Bromomethane	2.65	94	163982	51.063	ug/l	95
6) Chloroethane	2.80	64	131993	46.480	ug/l	96
7) Trichlorofluoromethane	3.13	101	287651	46.587	ug/l	99
8) Diethyl Ether	3.54	74	109087	52.724	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.90	101	176471	47.323	ug/l	98
10) Methyl Iodide	4.10	142	154029	38.019	ug/l	97
11) Tert butyl alcohol	4.96	59	102635	265.310	ug/l	98
12) 1,1-Dichloroethene	3.88	96	167238	47.415	ug/l	98
13) Acrolein	3.74	56	66246	197.293	ug/l	98
14) Allyl chloride	4.49	41	273439	52.246	ug/l	97
15) Acrylonitrile	5.18	53	282921	284.663	ug/l	100
16) Acetone	3.96	43	218832	273.840	ug/l	94
17) Carbon Disulfide	4.20	76	483459	44.669	ug/l	100
18) Methyl Acetate	4.49	43	133745	60.265	ug/l	96
19) Methyl tert-butyl Ether	5.23	73	520141	52.623	ug/l	99
20) Methylene Chloride	4.72	84	224516	56.561	ug/l	97
21) trans-1,2-Dichloroethene	5.23	96	193890	48.601	ug/l	95
22) Diisopropyl ether	6.13	45	637143	54.853	ug/l	99
23) Vinyl Acetate	6.07	43	2106051	272.030	ug/l	99
24) 1,1-Dichloroethane	6.03	63	353213	52.488	ug/l	99
25) 2-Butanone	6.99	43	370197	282.144	ug/l	98
26) 2,2-Dichloropropane	6.99	77	293376	48.409	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	227284	51.745	ug/l	99
28) Bromochloromethane	7.34	49	170403	58.487	ug/l	97
29) Tetrahydrofuran	7.35	42	250586	284.292	ug/l	98
30) Chloroform	7.52	83	362935	52.365	ug/l	97
31) Cyclohexane	7.79	56	298423	45.860	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	315296	50.532	ug/l	99
36) 1,1-Dichloropropene	7.92	75	269462	45.876	ug/l	99
37) Ethyl Acetate	7.08	43	169746	53.663	ug/l	98
38) Carbon Tetrachloride	7.91	117	283820	46.806	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	328512	44.522	ug/l	97
40) Benzene	8.16	78	779601	48.203	ug/l	98
41) Methacrylonitrile	7.32	41	88026m	46.206	ug/l	
42) 1,2-Dichloroethane	8.24	62	242176	48.639	ug/l	98
43) Isopropyl Acetate	8.28	43	318673	52.047	ug/l	99
44) Trichloroethene	8.94	130	224725	45.326	ug/l	94
45) 1,2-Dichloropropane	9.22	63	211011	50.422	ug/l	98
46) Dibromomethane	9.31	93	119346	48.827	ug/l	99
47) Bromodichloromethane	9.50	83	294230	50.614	ug/l	99
48) Methyl methacrylate	9.30	41	144542	52.806	ug/l	98
49) 1,4-Dioxane	9.30	88	33132	1068.036	ug/l	91
51) 4-Methyl-2-Pentanone	10.07	43	848905	266.748	ug/l	100
52) Toluene	10.24	92	495992	47.981	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	304268	50.518	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	341633	49.229	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	173584	50.117	ug/l	97
56) Ethyl methacrylate	10.51	69	245943	52.230	ug/l	99
57) 1,3-Dichloropropane	10.79	76	297719	50.695	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	646829	269.342	ug/l	99
59) 2-Hexanone	10.83	43	592712	266.800	ug/l	100
60) Dibromochloromethane	10.99	129	220943	50.718	ug/l	99
61) 1,2-Dibromoethane	11.09	107	166148	48.604	ug/l	100
64) Tetrachloroethene	10.72	164	232761	42.938	ug/l	99
65) Chlorobenzene	11.52	112	559741	47.791	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	220488	48.470	ug/l	99
67) Ethyl Benzene	11.59	91	993790	47.522	ug/l	99
68) m/p-Xylenes	11.70	106	749286	94.433	ug/l	100
69) o-Xylene	12.03	106	357574	48.238	ug/l	100
70) Styrene	12.04	104	620445	48.929	ug/l	99
71) Bromoform	12.20	173	149144	49.954	ug/l	99
73) Isopropylbenzene	12.33	105	973267	46.918	ug/l	100
74) N-amyl acetate	12.14	43	302155	51.912	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	206482	51.538	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	142484m	49.450	ug/l	
77) Bromobenzene	12.61	156	253253	47.894	ug/l	99
78) n-propylbenzene	12.67	91	1157920	47.355	ug/l	99
79) 2-Chlorotoluene	12.75	91	644510	47.242	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	818668	47.351	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	72386	48.892	ug/l	98
82) 4-Chlorotoluene	12.85	91	670570	47.092	ug/l	100
83) tert-Butylbenzene	13.07	119	733413	48.075	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	828805	47.644	ug/l	98
85) sec-Butylbenzene	13.25	105	993798	47.397	ug/l	100
86) p-Isopropyltoluene	13.37	119	926603	47.329	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	470988	47.102	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	472745	47.752	ug/l	100
89) n-Butylbenzene	13.69	91	867272	47.095	ug/l	99
90) Hexachloroethane	13.96	117	181501	50.908	ug/l	99
91) 1,2-Dichlorobenzene	13.73	146	428857	48.872	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	32337	49.785	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	297246	47.615	ug/l	99
94) Hexachlorobutadiene	15.11	225	195036	45.595	ug/l	99
95) Naphthalene	15.23	128	531312	51.498	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	245672	49.784	ug/l	98

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

