

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY073120\
 Data File : VY003383.D
 Acq On : 31 Jul 2020 12:07
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 8/3/2020 12:37:27 PM

Quant Time: Jul 31 12:33:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 31 12:21:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	499747	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	735333	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	677721	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	361805	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	253695	57.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.46%	
35) Dibromofluoromethane	7.72	113	233699	53.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.98%	
50) Toluene-d8	10.18	98	917410	56.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.52%	
62) 4-Bromofluorobenzene	12.48	95	313205	53.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.12%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.90	85	199595	53.453	ug/l	100
3) Chloromethane	2.12	50	265474	51.908	ug/l	100
4) Vinyl Chloride	2.26	62	278481	53.051	ug/l	100
5) Bromomethane	2.65	94	197072	50.660	ug/l	100
6) Chloroethane	2.80	64	176156	51.478	ug/l	100
7) Trichlorofluoromethane	3.13	101	382786	51.472	ug/l	100
8) Diethyl Ether	3.54	74	133140	53.142	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	229405	51.192	ug/l	100
10) Methyl Iodide	4.10	142	283301	57.536	ug/l	100
11) Tert butyl alcohol	4.96	59	109966	237.522	ug/l	100
12) 1,1-Dichloroethene	3.88	96	224889	52.725	ug/l	100
13) Acrolein	3.73	56	117325	281.683	ug/l	100
14) Allyl chloride	4.49	41	372745	57.926	ug/l	100
15) Acrylonitrile	5.18	53	324222	269.270	ug/l	100
16) Acetone	3.95	43	297319	300.455	ug/l	100
17) Carbon Disulfide	4.20	76	728202	55.178	ug/l	100
18) Methyl Acetate	4.48	43	144079	53.378	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	611081	51.552	ug/l	100
20) Methylene Chloride	4.72	84	306476	52.478	ug/l	100
21) trans-1,2-Dichloroethene	5.23	96	247673	51.692	ug/l	100
22) Diisopropyl ether	6.13	45	787945	55.801	ug/l	100
23) Vinyl Acetate	6.07	43	2606993	277.604	ug/l	100
24) 1,1-Dichloroethane	6.03	63	439224	53.938	ug/l	100
25) 2-Butanone	6.99	43	444434	277.745	ug/l	100
26) 2,2-Dichloropropane	6.99	77	391138	53.372	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	276223	52.293	ug/l	100
28) Bromochloromethane	7.34	49	161834	47.289	ug/l	100
29) Tetrahydrofuran	7.35	42	289579	271.240	ug/l	100
30) Chloroform	7.51	83	438898	52.561	ug/l	100
31) Cyclohexane	7.79	56	411322	52.295	ug/l	100
32) 1,1,1-Trichloroethane	7.71	97	399418	52.976	ug/l	100
36) 1,1-Dichloropropene	7.93	75	356185	52.436	ug/l	100
37) Ethyl Acetate	7.08	43	197526	53.829	ug/l	100
38) Carbon Tetrachloride	7.91	117	367991	52.612	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	437941	51.521	ug/l	100
40) Benzene	8.16	78	981920	52.472	ug/l	100
41) Methacrylonitrile	7.33	41	124299m	55.953	ug/l	
42) 1,2-Dichloroethane	8.24	62	296050	51.553	ug/l	100
43) Isopropyl Acetate	8.28	43	373833	52.812	ug/l	100
44) Trichloroethene	8.94	130	284044	49.994	ug/l	100
45) 1,2-Dichloropropane	9.22	63	258109	53.194	ug/l	100
46) Dibromomethane	9.31	93	141188	50.438	ug/l	100
47) Bromodichloromethane	9.50	83	348930	52.029	ug/l	100
48) Methyl methacrylate	9.30	41	170086	53.661	ug/l	100
49) 1,4-Dioxane	9.30	88	37111	1041.994	ug/l	100
51) 4-Methyl-2-Pentanone	10.07	43	981061	266.490	ug/l	100
52) Toluene	10.24	92	623126	52.198	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	369325	53.103	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	421058	52.515	ug/l	100
55) 1,1,2-Trichloroethane	10.64	97	203422	50.990	ug/l	100
56) Ethyl methacrylate	10.51	69	283603	52.484	ug/l	100
57) 1,3-Dichloropropane	10.79	76	350020	51.742	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	605900	225.497	ug/l	100
59) 2-Hexanone	10.83	43	689418	268.129	ug/l	100
60) Dibromochloromethane	10.99	129	256666	51.281	ug/l	100
61) 1,2-Dibromoethane	11.09	107	193139	49.393	ug/l	100
64) Tetrachloroethene	10.72	164	286008	47.229	ug/l	100
65) Chlorobenzene	11.52	112	678027	51.129	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	264123	51.241	ug/l	100
67) Ethyl Benzene	11.59	91	1239321	52.199	ug/l	100
68) m/p-Xylenes	11.70	106	929015	103.244	ug/l	100
69) o-Xylene	12.03	106	441263	52.423	ug/l	100
70) Styrene	12.04	104	760915	52.858	ug/l	100
71) Bromoform	12.20	173	171089	50.914	ug/l	100
73) Isopropylbenzene	12.33	105	1202500	51.314	ug/l	100
74) N-amyl acetate	12.14	43	350976	53.236	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	231602	51.166	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	159104m	49.211	ug/l	
77) Bromobenzene	12.61	156	302034	50.628	ug/l	100
78) n-propylbenzene	12.67	91	1450648	52.358	ug/l	100
79) 2-Chlorotoluene	12.75	91	793122	51.430	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	1011987	51.752	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	85513	51.260	ug/l	100
82) 4-Chlorotoluene	12.85	91	829345	51.530	ug/l	100
83) tert-Butylbenzene	13.07	119	877836	51.076	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	1024846	52.057	ug/l	100
85) sec-Butylbenzene	13.25	105	1234375	52.020	ug/l	100
86) p-Isopropyltoluene	13.37	119	1156315	52.193	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	580381	51.337	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	572569	51.134	ug/l	100
89) n-Butylbenzene	13.69	91	1095066	52.541	ug/l	100
90) Hexachloroethane	13.96	117	220402	54.283	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	513646	51.723	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	36565	49.920	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	365518	51.681	ug/l	100
94) Hexachlorobutadiene	15.11	225	242310	50.212	ug/l	100
95) Naphthalene	15.23	128	619275	52.751	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	299450	53.151	ug/l	100

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

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