

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY033120\
 Data File : VY002150.D
 Acq On : 31 Mar 2020 21:34
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/1/2020 7:29:36 PM

Quant Time: Apr 01 06:55:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	149576	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.72	114	281240	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.51	117	253479	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.44	152	116088	50.00	ug/l	0.01

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	79853	48.29	ug/l	0.01
Spiked Amount	50.000		Recovery	=	96.58%	
35) Dibromofluoromethane	7.75	113	74658	47.38	ug/l	0.02
Spiked Amount	50.000		Recovery	=	94.76%	
50) Toluene-d8	10.20	98	309507	47.28	ug/l	0.01
Spiked Amount	50.000		Recovery	=	94.56%	
62) 4-Bromofluorobenzene	12.50	95	110108	48.09	ug/l	0.01
Spiked Amount	50.000		Recovery	=	96.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	41334	41.748	ug/l	97
3) Chloromethane	2.13	50	73474	42.033	ug/l	95
4) Vinyl Chloride	2.27	62	76349	42.946	ug/l	98
5) Bromomethane	2.67	94	56757	48.921	ug/l	99
6) Chloroethane	2.82	64	52630	46.105	ug/l	94
7) Trichlorofluoromethane	3.15	101	105510	43.309	ug/l	92
8) Diethyl Ether	3.55	74	46441	45.007	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.93	101	69548	43.512	ug/l	100
10) Methyl Iodide	4.13	142	81290	42.771	ug/l	98
11) Tert butyl alcohol	4.99	59	42242	216.784	ug/l	96
12) 1,1-Dichloroethene	3.91	96	72308	44.551	ug/l	96
13) Acrolein	3.76	56	62645	257.224	ug/l	97
14) Allyl chloride	4.52	41	137618	46.317	ug/l	98
15) Acrylonitrile	5.21	53	122815	227.085	ug/l	99
16) Acetone	3.98	43	82387	177.346	ug/l	96
17) Carbon Disulfide	4.23	76	239028	44.377	ug/l	99
18) Methyl Acetate	4.51	43	52661	43.654	ug/l	100
19) Methyl tert-butyl Ether	5.26	73	211824	46.784	ug/l	100
20) Methylene Chloride	4.76	84	88753	45.705	ug/l	97
21) trans-1,2-Dichloroethene	5.26	96	86062	46.571	ug/l	98
22) Diisopropyl ether	6.16	45	295903	48.664	ug/l	95
23) Vinyl Acetate	6.10	43	944044	236.767	ug/l	98
24) 1,1-Dichloroethane	6.06	63	155915	48.226	ug/l	99
25) 2-Butanone	7.02	43	149258	209.242	ug/l	98
26) 2,2-Dichloropropane	7.02	77	116370	43.705	ug/l	99
27) cis-1,2-Dichloroethene	7.03	96	97865	48.138	ug/l	99
28) Bromochloromethane	7.37	49	74217	50.284	ug/l	100
29) Tetrahydrofuran	7.38	42	104815	224.115	ug/l	99
30) Chloroform	7.54	83	146870	47.928	ug/l	98
31) Cyclohexane	7.82	56	148291	43.046	ug/l	96
32) 1,1,1-Trichloroethane	7.74	97	119822	46.832	ug/l	99
36) 1,1-Dichloropropene	7.95	75	118810	44.663	ug/l	99
37) Ethyl Acetate	7.11	43	69685	43.349	ug/l	99
38) Carbon Tetrachloride	7.93	117	102708	45.508	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	154945	44.406	ug/l	99
40) Benzene	8.19	78	368441	46.759	ug/l	99
41) Methacrylonitrile	7.36	41	38935m	47.883	ug/l	
42) 1,2-Dichloroethane	8.27	62	97233	46.479	ug/l	99
43) Isopropyl Acetate	8.30	43	133387	44.706	ug/l	99
44) Trichloroethene	8.97	130	87975	46.317	ug/l	99
45) 1,2-Dichloropropane	9.24	63	94947	47.324	ug/l	98
46) Dibromomethane	9.33	93	48218	46.797	ug/l	99
47) Bromodichloromethane	9.52	83	114619	47.785	ug/l	99
48) Methyl methacrylate	9.31	41	58741	43.933	ug/l	98
49) 1,4-Dioxane	9.31	88	12362	874.307	ug/l	89
51) 4-Methyl-2-Pentanone	10.09	43	346869	225.777	ug/l	100
52) Toluene	10.27	92	225397	47.294	ug/l	98
53) t-1,3-Dichloropropene	10.49	75	124557	46.785	ug/l	99
54) cis-1,3-Dichloropropene	9.95	75	145076	46.283	ug/l	100
55) 1,1,2-Trichloroethane	10.66	97	70868	46.471	ug/l	99
56) Ethyl methacrylate	10.53	69	102027	45.806	ug/l	99
57) 1,3-Dichloropropane	10.81	76	123687	45.906	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	267494	233.719	ug/l	100
59) 2-Hexanone	10.85	43	231890	214.272	ug/l	99
60) Dibromochloromethane	11.00	129	75240	47.149	ug/l	99
61) 1,2-Dibromoethane	11.11	107	65972	46.219	ug/l	100
64) Tetrachloroethene	10.74	164	72529	46.767	ug/l	96
65) Chlorobenzene	11.53	112	231095	47.230	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.61	131	78577	48.002	ug/l	100
67) Ethyl Benzene	11.61	91	432277	47.568	ug/l	99
68) m/p-Xylenes	11.72	106	318018	94.648	ug/l	99
69) o-Xylene	12.05	106	151753	47.611	ug/l	100
70) Styrene	12.06	104	266480	48.249	ug/l	99
71) Bromoform	12.23	173	42591	47.505	ug/l #	99
73) Isopropylbenzene	12.34	105	407673	47.341	ug/l	99
74) N-amyl acetate	12.16	43	121774	44.836	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.60	83	85674	46.234	ug/l	99
76) 1,2,3-Trichloropropane	12.65	75	55081m	42.417	ug/l	
77) Bromobenzene	12.63	156	88415	48.096	ug/l	98
78) n-propylbenzene	12.69	91	505443	47.297	ug/l	99
79) 2-Chlorotoluene	12.77	91	277936	47.368	ug/l	100
80) 1,3,5-Trimethylbenzene	12.83	105	338689	47.671	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	30053	44.837	ug/l	98
82) 4-Chlorotoluene	12.87	91	289232	46.778	ug/l	98
83) tert-Butylbenzene	13.09	119	277918	46.863	ug/l	98
84) 1,2,4-Trimethylbenzene	13.14	105	337392	47.596	ug/l	99
85) sec-Butylbenzene	13.27	105	413657	47.092	ug/l	99
86) p-Isopropyltoluene	13.38	119	356625	47.278	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	169342	47.089	ug/l	100
88) 1,4-Dichlorobenzene	13.46	146	170537	47.124	ug/l	99
89) n-Butylbenzene	13.71	91	362400	46.110	ug/l	100
90) Hexachloroethane	13.97	117	67814	47.710	ug/l	97
91) 1,2-Dichlorobenzene	13.75	146	155448	46.807	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	12631	42.553	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	97212	45.413	ug/l	97
94) Hexachlorobutadiene	15.12	225	46239	43.761	ug/l	99
95) Naphthalene	15.25	128	227909	44.827	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	86037	44.323	ug/l	99

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

