

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030520\
 Data File : VY001890.D
 Acq On : 05 Mar 2020 18:18
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/6/2020 11:16:54 AM

Quant Time: Mar 06 05:47:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	158275	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	294663	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	265993	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	125762	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	90395	53.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.00%	
35) Dibromofluoromethane	7.74	113	81423	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	
50) Toluene-d8	10.19	98	341193	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	
62) 4-Bromofluorobenzene	12.49	95	119775	50.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	67015	45.870	ug/l	99
3) Chloromethane	2.13	50	92940	47.184	ug/l	99
4) Vinyl Chloride	2.26	62	96572	48.200	ug/l	98
5) Bromomethane	2.66	94	65375	56.643	ug/l	97
6) Chloroethane	2.81	64	61561	48.913	ug/l	92
7) Trichlorofluoromethane	3.15	101	129538	47.673	ug/l	98
8) Diethyl Ether	3.55	74	57205	53.416	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.93	101	83509	47.782	ug/l	98
10) Methyl Iodide	4.11	142	94450	46.732	ug/l	100
11) Tert butyl alcohol	4.99	59	52692	304.594	ug/l #	86
12) 1,1-Dichloroethene	3.89	96	86369	49.081	ug/l	98
13) Acrolein	3.75	56	60404	254.395	ug/l	98
14) Allyl chloride	4.51	41	161227	51.681	ug/l	99
15) Acrylonitrile	5.19	53	167191	292.152	ug/l	100
16) Acetone	3.97	43	135266	274.853	ug/l	95
17) Carbon Disulfide	4.22	76	286444	48.422	ug/l	98
18) Methyl Acetate	4.50	43	73702	58.285	ug/l	100
19) Methyl tert-butyl Ether	5.25	73	259206	54.355	ug/l	96
20) Methylene Chloride	4.75	84	101448	48.097	ug/l	96
21) trans-1,2-Dichloroethene	5.25	96	100031	50.082	ug/l	97
22) Diisopropyl ether	6.15	45	340829	53.298	ug/l	96
23) Vinyl Acetate	6.09	43	1172574	279.703	ug/l	99
24) 1,1-Dichloroethane	6.05	63	176804	51.056	ug/l	99
25) 2-Butanone	7.02	43	222627	297.467	ug/l	99
26) 2,2-Dichloropropane	7.01	77	136399	47.989	ug/l	100
27) cis-1,2-Dichloroethene	7.02	96	110194	50.718	ug/l	100
28) Bromochloromethane	7.36	49	83059	53.212	ug/l	97
29) Tetrahydrofuran	7.37	42	152734	307.317	ug/l	99
30) Chloroform	7.53	83	164225	50.476	ug/l	97
31) Cyclohexane	7.81	56	176023	47.407	ug/l	97
32) 1,1,1-Trichloroethane	7.72	97	138102	50.361	ug/l	98
36) 1,1-Dichloropropene	7.94	75	136288	48.064	ug/l	99
37) Ethyl Acetate	7.10	43	96248	58.402	ug/l	99
38) Carbon Tetrachloride	7.92	117	117023	48.311	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	183116	48.690	ug/l	97
40) Benzene	8.18	78	415465	49.433	ug/l	100
41) Methacrylonitrile	7.35	41	48997m	66.063	ug/l	
42) 1,2-Dichloroethane	8.26	62	112649	52.015	ug/l	99
43) Isopropyl Acetate	8.29	43	176514	56.572	ug/l	97
44) Trichloroethene	8.96	130	99172	48.450	ug/l	94
45) 1,2-Dichloropropane	9.23	63	106980	50.635	ug/l	99
46) Dibromomethane	9.32	93	56448	51.846	ug/l	99
47) Bromodichloromethane	9.51	83	128594	50.774	ug/l	99
48) Methyl methacrylate	9.31	41	78745	56.876	ug/l	95
49) 1,4-Dioxane	9.31	88	17280	1158.279	ug/l	93
51) 4-Methyl-2-Pentanone	10.08	43	477972	297.410	ug/l	98
52) Toluene	10.25	92	252424	49.440	ug/l	100
53) t-1,3-Dichloropropene	10.48	75	146762	53.188	ug/l	96
54) cis-1,3-Dichloropropene	9.94	75	168702	51.358	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	84708	53.162	ug/l	97
56) Ethyl methacrylate	10.52	69	131098	56.132	ug/l	97
57) 1,3-Dichloropropane	10.80	76	149766	52.730	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	211666	260.618	ug/l	100
59) 2-Hexanone	10.84	43	340948	297.230	ug/l	100
60) Dibromochloromethane	11.00	129	88050	52.442	ug/l	99
61) 1,2-Dibromoethane	11.10	107	79666	52.782	ug/l	99
64) Tetrachloroethene	10.73	164	79985	47.950	ug/l	95
65) Chlorobenzene	11.53	112	260218	49.097	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.60	131	87413	50.294	ug/l	100
67) Ethyl Benzene	11.60	91	484090	48.975	ug/l	97
68) m/p-Xylenes	11.71	106	358981	98.233	ug/l	99
69) o-Xylene	12.04	106	169249	49.138	ug/l	100
70) Styrene	12.05	104	300271	50.900	ug/l	100
71) Bromoform	12.22	173	50963	54.068	ug/l #	98
73) Isopropylbenzene	12.34	105	456195	47.519	ug/l	99
74) N-amyl acetate	12.15	43	163340	55.359	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.59	83	111524	53.869	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	71911m	48.190	ug/l	
77) Bromobenzene	12.62	156	99254	48.797	ug/l	99
78) n-propylbenzene	12.68	91	561818	47.435	ug/l	99
79) 2-Chlorotoluene	12.77	91	312598	47.771	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	378135	47.844	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	40591	54.945	ug/l	98
82) 4-Chlorotoluene	12.86	91	325812	47.821	ug/l	100
83) tert-Butylbenzene	13.08	119	310178	47.252	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	377496	48.129	ug/l	100
85) sec-Butylbenzene	13.27	105	462577	47.808	ug/l	100
86) p-Isopropyltoluene	13.38	119	401495	48.102	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	190386	47.766	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	192108	47.509	ug/l	99
89) n-Butylbenzene	13.70	91	414889	47.911	ug/l	99
90) Hexachloroethane	13.97	117	76584	48.637	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	177777	49.095	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.37	75	17566	54.374	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	112916	48.084	ug/l	97
94) Hexachlorobutadiene	15.12	225	54652	47.735	ug/l	99
95) Naphthalene	15.25	128	298987	53.677	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	104445	50.488	ug/l	100

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

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