

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042920\
 Data File : VY002499.D
 Acq On : 29 Apr 2020 10:38
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 30 04:29:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 14:11:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	295842	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.71	114	419283	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	378114	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	198062	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	116275	44.97	ug/l	0.00
Spiked Amount						
			Recovery	=	89.94%	
35) Dibromofluoromethane	7.74	113	115263	48.74	ug/l	0.00
Spiked Amount						
			Recovery	=	97.48%	
50) Toluene-d8	10.19	98	446948	47.02	ug/l	0.00
Spiked Amount						
			Recovery	=	94.04%	
62) 4-Bromofluorobenzene	12.49	95	150260	47.11	ug/l	0.00
Spiked Amount						
			Recovery	=	94.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	106941	49.359	ug/l	97
3) Chloromethane	2.13	50	121575	44.102	ug/l	98
4) Vinyl Chloride	2.26	62	81246	41.026	ug/l	97
5) Bromomethane	2.66	94	58991	53.075	ug/l	96
6) Chloroethane	2.81	64	41872	40.791	ug/l	98
7) Trichlorofluoromethane	3.14	101	162762	45.326	ug/l	100
8) Diethyl Ether	3.55	74	41986	28.366	ug/l	79
9) 1,1,2-Trichlorotrifluoroet	3.92	101	125639	50.828	ug/l	98
10) Methyl Iodide	4.11	142	192146	50.389	ug/l	100
11) Tert butyl alcohol	4.99	59	52678	216.453	ug/l	98
12) 1,1-Dichloroethene	3.89	96	127329	50.277	ug/l	97
13) Acrolein	3.76	56	38522	197.733	ug/l	99
14) Allyl chloride	4.51	41	171414	46.057	ug/l	99
15) Acrylonitrile	5.19	53	156491	220.970	ug/l	99
16) Acetone	3.97	43	132213	244.666	ug/l	96
17) Carbon Disulfide	4.21	76	374919	47.477	ug/l	100
18) Methyl Acetate	4.50	43	71695	41.231	ug/l	98
19) Methyl tert-butyl Ether	5.25	73	322821	47.238	ug/l	98
20) Methylene Chloride	4.74	84	133247	43.189	ug/l	96
21) trans-1,2-Dichloroethene	5.25	96	135881	47.656	ug/l	92
22) Diisopropyl ether	6.14	45	329419	44.765	ug/l	96
23) Vinyl Acetate	6.08	43	1052268	225.036	ug/l	97
24) 1,1-Dichloroethane	6.04	63	208880	46.884	ug/l	100
25) 2-Butanone	7.01	43	176343	213.008	ug/l	98
26) 2,2-Dichloropropane	7.01	77	217472	51.040	ug/l	99
27) cis-1,2-Dichloroethene	7.01	96	151034	48.701	ug/l	99
28) Bromochloromethane	7.36	49	73849	42.488	ug/l	91
29) Tetrahydrofuran	7.36	42	115334	210.127	ug/l	97
30) Chloroform	7.53	83	231087	48.714	ug/l	100
31) Cyclohexane	7.80	56	196154	44.029	ug/l	98
32) 1,1,1-Trichloroethane	7.72	97	225678	50.348	ug/l	99
36) 1,1-Dichloropropene	7.94	75	178895	49.760	ug/l	99
37) Ethyl Acetate	7.10	43	79424	43.974	ug/l	98
38) Carbon Tetrachloride	7.92	117	220145	53.249	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	232201	49.511	ug/l	98
40) Benzene	8.18	78	515022	49.564	ug/l	100
41) Methacrylonitrile	7.35	41	46815m	42.071	ug/l	
42) 1,2-Dichloroethane	8.25	62	148988	49.357	ug/l	99
43) Isopropyl Acetate	8.29	43	153649	45.484	ug/l	99
44) Trichloroethene	8.96	130	163945	50.458	ug/l	95
45) 1,2-Dichloropropane	9.23	63	114004	47.603	ug/l	99
46) Dibromomethane	9.32	93	68385	48.806	ug/l	97
47) Bromodichloromethane	9.51	83	178853	51.043	ug/l	99
48) Methyl methacrylate	9.30	41	70144	45.485	ug/l	98
49) 1,4-Dioxane	9.31	88	18224	1020.577	ug/l	98
51) 4-Methyl-2-Pentanone	10.08	43	394517	224.843	ug/l	99
52) Toluene	10.25	92	336746	50.344	ug/l	100
53) t-1,3-Dichloropropene	10.48	75	186142	50.585	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	211186	50.142	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	101204	48.851	ug/l	99
56) Ethyl methacrylate	10.52	69	134569	47.538	ug/l	98
57) 1,3-Dichloropropane	10.80	76	166425	47.582	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	311447	227.518	ug/l	98
59) 2-Hexanone	10.85	43	271882	222.299	ug/l	99
60) Dibromochloromethane	11.00	129	137120	50.512	ug/l	98
61) 1,2-Dibromoethane	11.10	107	98109	47.757	ug/l	100
64) Tetrachloroethene	10.73	164	181391	52.343	ug/l	100
65) Chlorobenzene	11.53	112	374685	51.400	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	143534	52.478	ug/l	99
67) Ethyl Benzene	11.60	91	660272	50.823	ug/l	100
68) m/p-Xylenes	11.71	106	488681	97.712	ug/l	98
69) o-Xylene	12.04	106	242213	52.298	ug/l	98
70) Styrene	12.05	104	417322	51.750	ug/l	100
71) Bromoform	12.22	173	88215	51.198	ug/l #	99
73) Isopropylbenzene	12.34	105	655172	49.479	ug/l	100
74) N-amyl acetate	12.15	43	139664	44.511	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.60	83	92639	45.553	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	73612m	43.851	ug/l	
77) Bromobenzene	12.62	156	166340	50.088	ug/l	97
78) n-propylbenzene	12.68	91	764724	49.741	ug/l	99
79) 2-Chlorotoluene	12.77	91	419906	49.913	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	568159	50.555	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	33333	36.744	ug/l #	73
82) 4-Chlorotoluene	12.86	91	441683	50.798	ug/l	100
83) tert-Butylbenzene	13.08	119	510295	52.289	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	567317	52.615	ug/l	100
85) sec-Butylbenzene	13.27	105	678600	51.930	ug/l	99
86) p-Isopropyltoluene	13.38	119	651794	52.302	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	316876	51.589	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	313962	51.405	ug/l	99
89) n-Butylbenzene	13.70	91	576551	50.151	ug/l	99
90) Hexachloroethane	13.97	117	115493	51.273	ug/l	97
91) 1,2-Dichlorobenzene	13.75	146	282237	53.357	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	18747	46.433	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	209770	50.247	ug/l	99
94) Hexachlorobutadiene	15.13	225	129891	51.553	ug/l	99
95) Naphthalene	15.25	128	365490	47.204	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	174998	49.419	ug/l	100

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

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