

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042820\
 Data File : VY002497.D
 Acq On : 28 Apr 2020 16:11
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 29 00:46:03 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	7.80	168	264801	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.70	114	390620	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	359939	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.43	152	169032	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	109931	47.50	ug/l	-0.02
Spiked Amount			Recovery	=	95.00%	
35) Dibromofluoromethane	7.73	113	106102	48.16	ug/l	-0.02
Spiked Amount			Recovery	=	96.32%	
50) Toluene-d8	10.19	98	408614	46.14	ug/l	-0.01
Spiked Amount			Recovery	=	92.28%	
62) 4-Bromofluorobenzene	12.49	95	139114	46.82	ug/l	0.00
Spiked Amount			Recovery	=	93.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	102130	52.664	ug/l	98
3) Chloromethane	2.12	50	124176	50.326	ug/l	99
4) Vinyl Chloride	2.26	62	89064	50.246	ug/l	97
5) Bromomethane	2.65	94	56946	57.242	ug/l	94
6) Chloroethane	2.80	64	43848	47.238	ug/l	98
7) Trichlorofluoromethane	3.13	101	175171	54.500	ug/l	98
8) Diethyl Ether	3.54	74	69126	52.177	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.91	101	110706	50.037	ug/l	98
10) Methyl Iodide	4.10	142	174265	51.057	ug/l	100
11) Tert butyl alcohol	4.97	59	55097	252.931	ug/l	98
12) 1,1-Dichloroethene	3.88	96	112970	49.836	ug/l	98
13) Acrolein	3.74	56	53701	307.959	ug/l	99
14) Allyl chloride	4.49	41	157850	47.384	ug/l	99
15) Acrylonitrile	5.18	53	156649	247.122	ug/l	99
16) Acetone	3.96	43	120279	248.674	ug/l	95
17) Carbon Disulfide	4.21	76	336511	47.608	ug/l	99
18) Methyl Acetate	4.49	43	72761	46.749	ug/l	99
19) Methyl tert-butyl Ether	5.24	73	314373	51.395	ug/l	99
20) Methylene Chloride	4.73	84	128382	46.490	ug/l	98
21) trans-1,2-Dichloroethene	5.24	96	123049	48.215	ug/l	96
22) Diisopropyl ether	6.13	45	308119	46.779	ug/l	97
23) Vinyl Acetate	6.08	43	1014673	242.433	ug/l	99
24) 1,1-Dichloroethane	6.04	63	192233	48.205	ug/l	100
25) 2-Butanone	7.00	43	181126	244.433	ug/l	99
26) 2,2-Dichloropropane	6.99	77	190160	49.862	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	138956	50.059	ug/l	99
28) Bromochloromethane	7.35	49	69430	44.628	ug/l	93
29) Tetrahydrofuran	7.36	42	117286	238.732	ug/l	98
30) Chloroform	7.52	83	211827	49.889	ug/l	96
31) Cyclohexane	7.80	56	170840	42.842	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	201995	50.347	ug/l	100
36) 1,1-Dichloropropene	7.93	75	158030	47.182	ug/l	100
37) Ethyl Acetate	7.08	43	77533	46.077	ug/l	99
38) Carbon Tetrachloride	7.91	117	193443	50.224	ug/l	98

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39) Methylcyclohexane	9.19	83	205723	47.084	ug/l	95
40) Benzene	8.17	78	451157	46.603	ug/l	100
41) Methacrylonitrile	7.34	41	50627m	48.835	ug/l	
42) 1,2-Dichloroethane	8.25	62	139859	49.733	ug/l	100
43) Isopropyl Acetate	8.28	43	150123	47.701	ug/l	99
44) Trichloroethene	8.95	130	148052	48.910	ug/l	97
45) 1,2-Dichloropropane	9.22	63	105348	47.217	ug/l	98
46) Dibromomethane	9.31	93	64765	49.614	ug/l	98
47) Bromodichloromethane	9.50	83	163569	50.106	ug/l	97
48) Methyl methacrylate	9.30	41	69104	48.099	ug/l	97
49) 1,4-Dioxane	9.30	88	17074	1026.337	ug/l	95
51) 4-Methyl-2-Pentanone	10.08	43	395574	241.988	ug/l	98
52) Toluene	10.25	92	305649	49.048	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	172026	50.179	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	193727	49.371	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	95034	49.239	ug/l	98
56) Ethyl methacrylate	10.52	69	130463	49.470	ug/l	98
57) 1,3-Dichloropropane	10.80	76	159902	49.072	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	282731	221.696	ug/l	98
59) 2-Hexanone	10.84	43	272346	239.019	ug/l	98
60) Dibromochloromethane	10.99	129	113046	44.699	ug/l	100
61) 1,2-Dibromoethane	11.10	107	94268	49.255	ug/l	100
64) Tetrachloroethene	10.72	164	162729	49.329	ug/l	96
65) Chlorobenzene	11.52	112	343935	49.565	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	132388	50.847	ug/l	99
67) Ethyl Benzene	11.60	91	602862	48.747	ug/l	99
68) m/p-Xylenes	11.70	106	464730	97.615	ug/l	98
69) o-Xylene	12.03	106	220399	49.991	ug/l	100
70) Styrene	12.05	104	380054	49.508	ug/l	99
71) Bromoform	12.21	173	83090	50.658	ug/l #	100
73) Isopropylbenzene	12.33	105	590542	52.258	ug/l	99
74) N-amyl acetate	12.14	43	137778	51.451	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	89831	51.758	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	69172m	48.283	ug/l	
77) Bromobenzene	12.61	156	152448	53.789	ug/l	98
78) n-propylbenzene	12.67	91	686898	52.352	ug/l	99
79) 2-Chlorotoluene	12.76	91	377998	52.648	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	514753	53.669	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	39913	51.554	ug/l #	94
82) 4-Chlorotoluene	12.86	91	402055	54.182	ug/l	100
83) tert-Butylbenzene	13.08	119	455156	54.648	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	516406	56.119	ug/l	100
85) sec-Butylbenzene	13.25	105	607523	54.475	ug/l	99
86) p-Isopropyltoluene	13.38	119	458108	43.073	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	235421	44.910	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	274467	52.656	ug/l	99
89) n-Butylbenzene	13.70	91	511491	52.133	ug/l	99
90) Hexachloroethane	13.97	117	103374	53.775	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	258694	57.305	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	18580	53.923	ug/l	99

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93) 1,2,4-Trichlorobenzene	15.01	180	193119	54.203	ug/l	99
94) Hexachlorobutadiene	15.12	225	117859	54.812	ug/l	100
95) Naphthalene	15.24	128	356415	53.938	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	165479	54.756	ug/l	98

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

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