

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY051220\
 Data File : VY002670.D
 Acq On : 12 May 2020 15:45
 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: May 13 03:07:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	366487	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	549624	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	484822	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	238559	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	135231	43.88	ug/l	-0.01
Spiked Amount			Recovery	=	87.76%	
35) Dibromofluoromethane	7.73	113	155170	49.37	ug/l	0.00
Spiked Amount			Recovery	=	98.74%	
50) Toluene-d8	10.18	98	612122	49.87	ug/l	-0.01
Spiked Amount			Recovery	=	99.74%	
62) 4-Bromofluorobenzene	12.48	95	201828	48.46	ug/l	-0.01
Spiked Amount			Recovery	=	96.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	140149	46.413	ug/l	98
3) Chloromethane	2.12	50	152367	51.316	ug/l	99
4) Vinyl Chloride	2.26	62	174219	50.814	ug/l	97
5) Bromomethane	2.65	94	120460	50.948	ug/l	100
6) Chloroethane	2.80	64	104171	50.885	ug/l	98
7) Trichlorofluoromethane	3.13	101	265005	49.872	ug/l	99
8) Diethyl Ether	3.54	74	84081	47.087	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.91	101	165194	50.867	ug/l	99
10) Methyl Iodide	4.10	142	221038	49.958	ug/l	99
11) Tert butyl alcohol	4.97	59	55575	175.298	ug/l	100
12) 1,1-Dichloroethene	3.88	96	161021	51.038	ug/l	97
13) Acrolein	3.74	56	38496	175.597	ug/l	98
14) Allyl chloride	4.49	41	237955	51.766	ug/l	97
15) Acrylonitrile	5.18	53	173250	205.738	ug/l	100
16) Acetone	3.96	43	117744	185.146	ug/l	100
17) Carbon Disulfide	4.21	76	475117	50.059	ug/l	99
18) Methyl Acetate	4.49	43	84697	39.860	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	370065	44.959	ug/l	97
20) Methylene Chloride	4.73	84	168688	47.433	ug/l	98
21) trans-1,2-Dichloroethene	5.23	96	176170	51.090	ug/l	99
22) Diisopropyl ether	6.13	45	468644	50.387	ug/l	94
23) Vinyl Acetate	6.07	43	1313827	224.611	ug/l	100
24) 1,1-Dichloroethane	6.03	63	282867	51.408	ug/l	100
25) 2-Butanone	7.00	43	202659	194.675	ug/l	97
26) 2,2-Dichloropropane	6.99	77	252995	48.372	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	191989	50.319	ug/l	99
28) Bromochloromethane	7.35	49	121786	54.020	ug/l	100
29) Tetrahydrofuran	7.35	42	138991	201.801	ug/l	100
30) Chloroform	7.52	83	286205	50.025	ug/l	97
31) Cyclohexane	7.79	56	270297	48.802	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	264594	49.757	ug/l	99
36) 1,1-Dichloropropene	7.93	75	230104	49.941	ug/l	99
37) Ethyl Acetate	7.08	43	94340	39.844	ug/l	98
38) Carbon Tetrachloride	7.91	117	247808	49.263	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	305798	50.249	ug/l	98
40) Benzene	8.17	78	666386	50.076	ug/l	99
41) Methacrylonitrile	7.33	41	55347m	43.476	ug/l	
42) 1,2-Dichloroethane	8.25	62	162790	43.611	ug/l	98
43) Isopropyl Acetate	8.28	43	183214	41.276	ug/l	98
44) Trichloroethene	8.94	130	210816	50.691	ug/l	98
45) 1,2-Dichloropropane	9.22	63	158023	49.202	ug/l	99
46) Dibromomethane	9.31	93	82692	44.749	ug/l	99
47) Bromodichloromethane	9.50	83	213278	47.467	ug/l	98
48) Methyl methacrylate	9.30	41	83093	41.363	ug/l	98
49) 1,4-Dioxane	9.30	88	20221	826.468	ug/l	97
51) 4-Methyl-2-Pentanone	10.08	43	470827	205.789	ug/l	99
52) Toluene	10.25	92	426513	49.870	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	218845	46.486	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	262280	48.192	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	122050	45.292	ug/l	99
56) Ethyl methacrylate	10.51	69	158765	44.288	ug/l	98
57) 1,3-Dichloropropane	10.79	76	202864	44.392	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	421258	222.831	ug/l	99
59) 2-Hexanone	10.83	43	315121	200.115	ug/l	99
60) Dibromochloromethane	10.99	129	156596	45.690	ug/l	100
61) 1,2-Dibromoethane	11.09	107	117544	44.053	ug/l	99
64) Tetrachloroethene	10.72	164	233508	54.208	ug/l	99
65) Chlorobenzene	11.52	112	462635	50.197	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	173103	50.597	ug/l	100
67) Ethyl Benzene	11.60	91	829601	51.244	ug/l	99
68) m/p-Xylenes	11.70	106	641002	102.331	ug/l	100
69) o-Xylene	12.03	106	302071	51.503	ug/l	98
70) Styrene	12.05	104	507706	50.636	ug/l	100
71) Bromoform	12.21	173	95221	44.843	ug/l #	100
73) Isopropylbenzene	12.33	105	828556	53.590	ug/l	100
74) N-amyl acetate	12.14	43	169485	45.570	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	103413	42.058	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	90542m	42.709	ug/l	
77) Bromobenzene	12.61	156	196907	50.976	ug/l	98
78) n-propylbenzene	12.67	91	961842	53.608	ug/l	100
79) 2-Chlorotoluene	12.76	91	521471	52.469	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	680651	53.110	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	45972	43.483	ug/l	98
82) 4-Chlorotoluene	12.86	91	540791	51.801	ug/l	100
83) tert-Butylbenzene	13.08	119	605518	53.885	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	674938	52.843	ug/l	100
85) sec-Butylbenzene	13.25	105	837380	53.702	ug/l	100
86) p-Isopropyltoluene	13.37	119	770265	52.720	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	371944	50.875	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	363775	50.251	ug/l	99
89) n-Butylbenzene	13.70	91	700964	52.701	ug/l	100
90) Hexachloroethane	13.96	117	143519	53.939	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	325256	49.859	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	18201	39.710	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	226885	47.905	ug/l	100
94) Hexachlorobutadiene	15.11	225	148099	52.094	ug/l	99
95) Naphthalene	15.23	128	369949	42.818	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	182817	45.469	ug/l	100

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

