

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042820\
 Data File : VY002485.D
 Acq On : 28 Apr 2020 10:57
 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 28 15:14:24 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	293235	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.70	114	396237	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.50	117	380895	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	196241	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	116982	45.64	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	91.28%	
35) Dibromofluoromethane	7.73	113	114206	51.10	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	102.20%	
50) Toluene-d8	10.19	98	440693	49.06	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	98.12%	
62) 4-Bromofluorobenzene	12.49	95	124805	41.41	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	82.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	115197	53.642	ug/l	94
3) Chloromethane	2.12	50	133112	48.717	ug/l	96
4) Vinyl Chloride	2.26	62	99991	50.941	ug/l	97
5) Bromomethane	2.66	94	50214	45.580	ug/l	91
6) Chloroethane	2.80	64	42164	41.395	ug/l	99
7) Trichlorofluoromethane	3.13	101	155405	43.662	ug/l	100
8) Diethyl Ether	3.54	74	41467	28.265	ug/l	82
9) 1,1,2-Trichlorotrifluoroet	3.91	101	112485	45.911	ug/l	98
10) Methyl Iodide	4.10	142	187738	49.671	ug/l	100
11) Tert butyl alcohol	4.97	59	61097	253.278	ug/l	97
12) 1,1-Dichloroethene	3.88	96	105221	41.917	ug/l	99
13) Acrolein	3.74	56	37942	196.487	ug/l	97
14) Allyl chloride	4.49	41	175995	47.708	ug/l	99
15) Acrylonitrile	5.18	53	171636	244.510	ug/l	99
16) Acetone	3.96	43	162084	302.611	ug/l	98
17) Carbon Disulfide	4.21	76	375724	48.002	ug/l	99
18) Methyl Acetate	4.49	43	79445	46.094	ug/l	99
19) Methyl tert-butyl Ether	5.24	73	336339	49.654	ug/l	99
20) Methylene Chloride	4.73	84	132671	43.384	ug/l	98
21) trans-1,2-Dichloroethene	5.24	96	136025	48.131	ug/l	94
22) Diisopropyl ether	6.13	45	336486	46.132	ug/l	99
23) Vinyl Acetate	6.07	43	1116896	240.980	ug/l	100
24) 1,1-Dichloroethane	6.03	63	211219	47.830	ug/l	100
25) 2-Butanone	7.00	43	202406	246.664	ug/l	98
26) 2,2-Dichloropropane	6.99	77	211469	50.072	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	148369	48.267	ug/l	99
28) Bromochloromethane	7.35	49	80304	46.612	ug/l	92
29) Tetrahydrofuran	7.36	42	129870	238.714	ug/l	99
30) Chloroform	7.52	83	227809	48.450	ug/l	97
31) Cyclohexane	7.80	56	192386	43.567	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	221496	49.854	ug/l	100
36) 1,1-Dichloropropene	7.93	75	175659	51.701	ug/l	99
37) Ethyl Acetate	7.08	43	88919	52.095	ug/l	99
38) Carbon Tetrachloride	7.91	117	214696	54.951	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	230441	51.994	ug/l	98
40) Benzene	8.17	78	515293	52.474	ug/l	99
41) Methacrylonitrile	7.33	41	47494m	45.164	ug/l	
42) 1,2-Dichloroethane	8.25	62	150055	52.602	ug/l	100
43) Isopropyl Acetate	8.28	43	166557	52.172	ug/l	100
44) Trichloroethene	8.95	130	163326	53.191	ug/l	97
45) 1,2-Dichloropropane	9.22	63	115695	51.119	ug/l	98
46) Dibromomethane	9.32	93	69919	52.803	ug/l	97
47) Bromodichloromethane	9.50	83	177082	53.477	ug/l	99
48) Methyl methacrylate	9.30	41	76565	52.536	ug/l	99
49) 1,4-Dioxane	9.30	88	19855	1176.587	ug/l	97
51) 4-Methyl-2-Pentanone	10.08	43	432164	260.624	ug/l	99
52) Toluene	10.25	92	331957	52.514	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	189402	54.464	ug/l	97
54) cis-1,3-Dichloropropene	9.94	75	213875	53.734	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	102486	52.347	ug/l	99
56) Ethyl methacrylate	10.52	69	139795	52.257	ug/l	99
57) 1,3-Dichloropropane	10.80	76	172276	52.120	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	325135	251.332	ug/l	97
59) 2-Hexanone	10.84	43	301658	260.991	ug/l	98
60) Dibromochloromethane	10.99	129	136799	53.325	ug/l	98
61) 1,2-Dibromoethane	11.10	107	99035	51.012	ug/l	100
64) Tetrachloroethene	10.72	164	178396	51.103	ug/l	98
65) Chlorobenzene	11.52	112	366076	49.853	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	142194	51.608	ug/l	99
67) Ethyl Benzene	11.60	91	649373	49.619	ug/l	100
68) m/p-Xylenes	11.70	106	503566	99.953	ug/l	98
69) o-Xylene	12.03	106	218589	46.853	ug/l	100
70) Styrene	12.05	104	375772	46.257	ug/l	100
71) Bromoform	12.21	173	83973	48.380	ug/l #	98
73) Isopropylbenzene	12.33	105	553469	42.186	ug/l	99
74) N-amyl acetate	12.14	43	126213	40.598	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	95241	47.267	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	77254m	46.448	ug/l	
77) Bromobenzene	12.61	156	162448	49.370	ug/l	99
78) n-propylbenzene	12.67	91	747893	49.097	ug/l	99
79) 2-Chlorotoluene	12.76	91	409081	49.078	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	551603	49.537	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	40912	45.517	ug/l #	77
82) 4-Chlorotoluene	12.86	91	430660	49.990	ug/l	100
83) tert-Butylbenzene	13.08	119	487140	50.379	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	544315	50.951	ug/l	98
85) sec-Butylbenzene	13.26	105	652863	50.424	ug/l	99
86) p-Isopropyltoluene	13.38	119	625889	50.689	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	306868	50.423	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	304182	50.266	ug/l	99
89) n-Butylbenzene	13.70	91	552172	48.476	ug/l	99
90) Hexachloroethane	13.97	117	110288	49.417	ug/l	96
91) 1,2-Dichlorobenzene	13.74	146	270670	51.645	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	18973	47.429	ug/l	96

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93) 1,2,4-Trichlorobenzene	15.02	180	196805	47.579	ug/l	100
94) Hexachlorobutadiene	15.12	225	119405	47.831	ug/l	100
95) Naphthalene	15.24	128	363160	47.338	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	164687	46.939	ug/l	100

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

