

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY051820\
 Data File : VY002699.D
 Acq On : 18 May 2020 10:12
 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: May 19 00:10:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y051520S.M
 Quant Title : SW846 8260
 QLast Update : Sat May 16 04:52:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	329260	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	476278	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	439300	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	232119	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	133081	51.67	ug/l	0.00
Spiked Amount						
			Recovery	=	103.34%	
35) Dibromofluoromethane	7.72	113	139774	53.18	ug/l	0.00
Spiked Amount						
			Recovery	=	106.36%	
50) Toluene-d8	10.18	98	572494	54.10	ug/l	0.00
Spiked Amount						
			Recovery	=	108.20%	
62) 4-Bromofluorobenzene	12.48	95	192511	52.93	ug/l	0.00
Spiked Amount						
			Recovery	=	105.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	111883	47.420	ug/l	100
3) Chloromethane	2.11	50	137034	50.714	ug/l	99
4) Vinyl Chloride	2.26	62	142584	50.640	ug/l	98
5) Bromomethane	2.65	94	102980	49.347	ug/l	99
6) Chloroethane	2.80	64	87399	48.540	ug/l	99
7) Trichlorofluoromethane	3.13	101	221244	46.626	ug/l	96
8) Diethyl Ether	3.54	74	75930	47.039	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	127164	44.210	ug/l	99
10) Methyl Iodide	4.10	142	188794	47.685	ug/l	99
11) Tert butyl alcohol	4.96	59	57054	218.131	ug/l	99
12) 1,1-Dichloroethene	3.88	96	135820	47.028	ug/l	99
13) Acrolein	3.74	56	85168	277.618	ug/l	99
14) Allyl chloride	4.49	41	192159	46.345	ug/l	98
15) Acrylonitrile	5.18	53	177031	242.212	ug/l	99
16) Acetone	3.95	43	145088	273.272	ug/l	97
17) Carbon Disulfide	4.21	76	430008	47.467	ug/l	99
18) Methyl Acetate	4.49	43	70311	46.446	ug/l	98
19) Methyl tert-butyl Ether	5.23	73	346438	48.360	ug/l	98
20) Methylene Chloride	4.72	84	144292	44.960	ug/l	99
21) trans-1,2-Dichloroethene	5.23	96	151182	47.076	ug/l	98
22) Diisopropyl ether	6.13	45	387997	47.166	ug/l	99
23) Vinyl Acetate	6.07	43	1271285	241.351	ug/l	100
24) 1,1-Dichloroethane	6.03	63	233298	47.462	ug/l	99
25) 2-Butanone	7.00	43	211587	240.865	ug/l	100
26) 2,2-Dichloropropane	6.99	77	219838	48.067	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	165962	47.827	ug/l	99
28) Bromochloromethane	7.35	49	93251	47.955	ug/l	97
29) Tetrahydrofuran	7.35	42	142212	237.937	ug/l	98
30) Chloroform	7.52	83	249459	48.897	ug/l	98
31) Cyclohexane	7.79	56	215017	43.128	ug/l	94
32) 1,1,1-Trichloroethane	7.71	97	231979	49.211	ug/l	99
36) 1,1-Dichloropropene	7.92	75	198327	49.189	ug/l	100
37) Ethyl Acetate	7.08	43	95534	48.174	ug/l	99
38) Carbon Tetrachloride	7.91	117	218476	50.417	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	247741	45.697	ug/l	99
40) Benzene	8.16	78	579737	49.279	ug/l	100
41) Methacrylonitrile	7.33	41	59897m	50.273	ug/l	
42) 1,2-Dichloroethane	8.24	62	155407	50.086	ug/l	100
43) Isopropyl Acetate	8.28	43	182088	49.407	ug/l	99
44) Trichloroethene	8.94	130	186801	49.814	ug/l	98
45) 1,2-Dichloropropane	9.22	63	135601	48.566	ug/l	100
46) Dibromomethane	9.31	93	78314	49.923	ug/l	99
47) Bromodichloromethane	9.50	83	191602	50.047	ug/l	98
48) Methyl methacrylate	9.30	41	82898	48.853	ug/l	99
49) 1,4-Dioxane	9.30	88	21222	993.317	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	482056	253.342	ug/l	99
52) Toluene	10.25	92	378405	49.704	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	207952	50.891	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	237196	50.071	ug/l	96
55) 1,1,2-Trichloroethane	10.64	97	118047	50.547	ug/l	97
56) Ethyl methacrylate	10.51	69	159207	51.207	ug/l	99
57) 1,3-Dichloropropane	10.79	76	195904	50.057	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	399155	260.058	ug/l	100
59) 2-Hexanone	10.83	43	341553	257.645	ug/l	99
60) Dibromochloromethane	10.99	129	153041	51.295	ug/l	100
61) 1,2-Dibromoethane	11.09	107	116660	50.701	ug/l	100
64) Tetrachloroethene	10.72	164	206174	49.435	ug/l	98
65) Chlorobenzene	11.52	112	417317	49.160	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	157199	49.896	ug/l	99
67) Ethyl Benzene	11.59	91	737507	49.481	ug/l	99
68) m/p-Xylenes	11.70	106	574997	99.158	ug/l	99
69) o-Xylene	12.03	106	270004	49.609	ug/l	99
70) Styrene	12.05	104	470692	50.371	ug/l	99
71) Bromoform	12.21	173	101043	51.884	ug/l	100
73) Isopropylbenzene	12.33	105	739168	48.735	ug/l	100
74) N-amyl acetate	12.14	43	174849	49.127	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	110366	49.415	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	99804m	52.342	ug/l	
77) Bromobenzene	12.61	156	188051	49.593	ug/l	98
78) n-propylbenzene	12.67	91	853742	48.387	ug/l	100
79) 2-Chlorotoluene	12.75	91	472520	48.285	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	619297	48.594	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	51496	51.075	ug/l #	53
82) 4-Chlorotoluene	12.86	91	497001	48.484	ug/l	100
83) tert-Butylbenzene	13.08	119	536678	47.583	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	619175	48.614	ug/l	100
85) sec-Butylbenzene	13.25	105	736006	47.290	ug/l	100
86) p-Isopropyltoluene	13.37	119	695773	47.760	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	354216	48.449	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	349728	48.048	ug/l	100
89) n-Butylbenzene	13.70	91	624574	46.685	ug/l	99
90) Hexachloroethane	13.96	117	128315	47.554	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	314731	48.000	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	20666	48.250	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	225633	47.605	ug/l	99
94) Hexachlorobutadiene	15.11	225	133877	47.265	ug/l	100
95) Naphthalene	15.23	128	409436	45.341	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	189309	46.849	ug/l	100

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

