

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042020\
 Data File : VY002425.D
 Acq On : 20 Apr 2020 16:14
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY042020

Quant Time: Apr 21 03:30:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042020S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 20 15:14:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	301198	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	464849	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	410994	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	197230	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	116347	53.11	ug/l	0.00
Spiked Amount			Recovery	=	106.22%	
35) Dibromofluoromethane	7.73	113	133155	54.46	ug/l	-0.01
Spiked Amount			Recovery	=	108.92%	
50) Toluene-d8	10.19	98	509216	51.49	ug/l	0.00
Spiked Amount			Recovery	=	102.98%	
62) 4-Bromofluorobenzene	12.49	95	172488	52.83	ug/l	0.00
Spiked Amount			Recovery	=	105.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	108769	52.857	ug/l	99
3) Chloromethane	2.12	50	121266	48.268	ug/l	100
4) Vinyl Chloride	2.26	62	136325	50.368	ug/l	96
5) Bromomethane	2.66	94	87536	49.873	ug/l	97
6) Chloroethane	2.80	64	78189	48.931	ug/l	99
7) Trichlorofluoromethane	3.14	101	214783	50.986	ug/l	99
8) Diethyl Ether	3.55	74	82195	49.438	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.91	101	141244	51.258	ug/l	98
10) Methyl Iodide	4.11	142	199726	53.753	ug/l	99
11) Tert butyl alcohol	4.97	59	66442	253.781	ug/l	98
12) 1,1-Dichloroethene	3.89	96	142624	49.867	ug/l	90
13) Acrolein	3.74	56	72006	279.861	ug/l	100
14) Allyl chloride	4.50	41	186506	53.022	ug/l	98
15) Acrylonitrile	5.19	53	188914	253.520	ug/l	99
16) Acetone	3.96	43	187852	320.889	ug/l	96
17) Carbon Disulfide	4.21	76	448161	51.427	ug/l	99
18) Methyl Acetate	4.50	43	83699	50.021	ug/l	95
19) Methyl tert-butyl Ether	5.24	73	339137	50.489	ug/l	100
20) Methylene Chloride	4.73	84	154314	47.107	ug/l	97
21) trans-1,2-Dichloroethene	5.24	96	155265	50.164	ug/l	97
22) Diisopropyl ether	6.14	45	365101	51.769	ug/l	98
23) Vinyl Acetate	6.08	43	1178590	265.315	ug/l	97
24) 1,1-Dichloroethane	6.04	63	227530	50.874	ug/l	99
25) 2-Butanone	7.00	43	235517	282.237	ug/l	95
26) 2,2-Dichloropropane	7.00	77	203635	52.012	ug/l	97
27) cis-1,2-Dichloroethene	7.00	96	164762	49.085	ug/l	96
28) Bromochloromethane	7.35	49	82841	48.610	ug/l	94
29) Tetrahydrofuran	7.36	42	140144	261.855	ug/l	95
30) Chloroform	7.52	83	230176	49.869	ug/l	97
31) Cyclohexane	7.80	56	225254	49.690	ug/l	99
32) 1,1,1-Trichloroethane	7.72	97	209021	51.275	ug/l	99
36) 1,1-Dichloropropene	7.93	75	191695	51.250	ug/l	99
37) Ethyl Acetate	7.09	43	92758	53.032	ug/l	99
38) Carbon Tetrachloride	7.91	117	192223	51.021	ug/l	94

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39) Methylcyclohexane	9.19	83	263542	51.033	ug/l	97
40) Benzene	8.18	78	577626	50.177	ug/l	100
41) Methacrylonitrile	7.33	41	54235m	58.222	ug/l	
42) 1,2-Dichloroethane	8.25	62	137934	50.855	ug/l	98
43) Isopropyl Acetate	8.28	43	174056	53.069	ug/l	98
44) Trichloroethene	8.95	130	189422	49.216	ug/l	98
45) 1,2-Dichloropropane	9.23	63	132582	50.420	ug/l	97
46) Dibromomethane	9.32	93	76535	49.870	ug/l	98
47) Bromodichloromethane	9.50	83	179681	51.605	ug/l	96
48) Methyl methacrylate	9.30	41	80614	55.045	ug/l	95
49) 1,4-Dioxane	9.31	88	21097	932.443	ug/l	90
51) 4-Methyl-2-Pentanone	10.08	43	461369	270.833	ug/l	97
52) Toluene	10.25	92	359826	49.388	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	191746	51.490	ug/l	100
54) cis-1,3-Dichloropropene	9.94	75	227916	51.458	ug/l	96
55) 1,1,2-Trichloroethane	10.65	97	114096	49.567	ug/l	97
56) Ethyl methacrylate	10.52	69	155095	52.311	ug/l	99
57) 1,3-Dichloropropane	10.80	76	188094	49.915	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	363496	247.497	ug/l	98
59) 2-Hexanone	10.84	43	336606	278.408	ug/l	96
60) Dibromochloromethane	10.99	129	138619	49.998	ug/l	99
61) 1,2-Dibromoethane	11.10	107	113324	50.460	ug/l	98
64) Tetrachloroethene	10.73	164	213488	48.689	ug/l	99
65) Chlorobenzene	11.52	112	393699	49.934	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.60	131	140706	50.585	ug/l	98
67) Ethyl Benzene	11.60	91	679859	49.856	ug/l	99
68) m/p-Xylenes	11.71	106	528749	100.334	ug/l	98
69) o-Xylene	12.03	106	250981	50.551	ug/l	99
70) Styrene	12.05	104	423576	49.836	ug/l	98
71) Bromoform	12.22	173	87746	51.551	ug/l	99
73) Isopropylbenzene	12.34	105	666203	51.468	ug/l	100
74) N-amyl acetate	12.15	43	158329	55.959	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.59	83	87340	54.808	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	94712m	54.509	ug/l	
77) Bromobenzene	12.61	156	162879	49.948	ug/l	95
78) n-propylbenzene	12.68	91	784317	51.297	ug/l	99
79) 2-Chlorotoluene	12.77	91	430517	51.571	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	553128	51.826	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	47246	52.993	ug/l	97
82) 4-Chlorotoluene	12.86	91	454457	51.795	ug/l #	100
83) tert-Butylbenzene	13.08	119	475761	51.346	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	550642	51.501	ug/l	98
85) sec-Butylbenzene	13.26	105	677271	51.371	ug/l	100
86) p-Isopropyltoluene	13.38	119	609793	50.997	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	305225	50.319	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	303941	49.505	ug/l	99
89) n-Butylbenzene	13.70	91	580187	52.043	ug/l	99
90) Hexachloroethane	13.97	117	115659	51.591	ug/l	96
91) 1,2-Dichlorobenzene	13.75	146	274474	49.433	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	18548	50.990	ug/l	95

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93) 1,2,4-Trichlorobenzene	15.02	180	195981	49.273	ug/l	100
94) Hexachlorobutadiene	15.12	225	107387	49.234	ug/l	99
95) Naphthalene	15.25	128	389880	50.567	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	167670	48.562	ug/l	99

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

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