

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030220\
 Data File : VY001811.D
 Acq On : 02 Mar 2020 11:45
 Operator : SY/MD
 Sample : VY0302SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0302SBS01

Manual Integrations
 APPROVED

MMDadoda
 3/3/2020 11:11:41 AM

Quant Time: Mar 02 14:09:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	170656	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	308920	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	275667	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	130220	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	99809	54.37	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	108.74%	
35) Dibromofluoromethane	7.74	113	95015	53.70	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.40%	
50) Toluene-d8	10.19	98	388943	56.11	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	112.22%	
62) 4-Bromofluorobenzene	12.49	95	137581	51.09	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	31244	18.782	ug/l	96
3) Chloromethane	2.13	50	44114	19.716	ug/l	94
4) Vinyl Chloride	2.27	62	43519	19.284	ug/l	99
5) Bromomethane	2.66	94	29527	20.934	ug/l	99
6) Chloroethane	2.81	64	28050	20.170	ug/l	99
7) Trichlorofluoromethane	3.15	101	62020	21.472	ug/l	96
8) Diethyl Ether	3.55	74	24136	21.197	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.93	101	40002	22.034	ug/l	98
10) Methyl Iodide	4.11	142	43193	19.440	ug/l	99
11) Tert butyl alcohol	4.99	59	25510	105.299	ug/l	98
12) 1,1-Dichloroethene	3.90	96	38948	21.034	ug/l	94
13) Acrolein	3.75	56	14633	78.930	ug/l	97
14) Allyl chloride	4.51	41	69336	21.040	ug/l	99
15) Acrylonitrile	5.20	53	66574	114.065	ug/l	100
16) Acetone	3.98	43	58951	92.813	ug/l	99
17) Carbon Disulfide	4.22	76	118874	19.230	ug/l	100
18) Methyl Acetate	4.50	43	34127	24.672	ug/l	99
19) Methyl tert-butyl Ether	5.25	73	111202	21.570	ug/l	96
20) Methylene Chloride	4.75	84	50313	22.301	ug/l	95
21) trans-1,2-Dichloroethene	5.25	96	43824	20.744	ug/l	91
22) Diisopropyl ether	6.15	45	147220	21.754	ug/l	98
23) Vinyl Acetate	6.09	43	463513	105.001	ug/l	100
24) 1,1-Dichloroethane	6.05	63	79057	21.857	ug/l	95
25) 2-Butanone	7.02	43	88551	102.628	ug/l	98
26) 2,2-Dichloropropane	7.02	77	65876	20.933	ug/l	99
27) cis-1,2-Dichloroethene	7.01	96	49626	21.281	ug/l	100
28) Bromochloromethane	7.36	49	30678	20.360	ug/l	99
29) Tetrahydrofuran	7.37	42	56873	109.053	ug/l	99
30) Chloroform	7.53	83	74924	21.199	ug/l	95
31) Cyclohexane	7.80	56	79137	20.520	ug/l	98
32) 1,1,1-Trichloroethane	7.73	97	62805	21.143	ug/l	99
36) 1,1-Dichloropropene	7.94	75	61126	20.715	ug/l	99
37) Ethyl Acetate	7.11	43	37079	21.053	ug/l	98
38) Carbon Tetrachloride	7.92	117	53610	20.684	ug/l	99

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39) Methylcyclohexane	9.20	83	79529	20.315	ug/l	97
40) Benzene	8.18	78	184584	21.269	ug/l	100
41) Methacrylonitrile	7.34	41	19344	21.875	ug/l #	81
42) 1,2-Dichloroethane	8.25	62	49676	21.011	ug/l	100
43) Isopropyl Acetate	8.29	43	70819	21.193	ug/l	99
44) Trichloroethene	8.96	130	45626	21.061	ug/l	97
45) 1,2-Dichloropropane	9.23	63	47768	21.978	ug/l	99
46) Dibromomethane	9.32	93	24285	21.363	ug/l	99
47) Bromodichloromethane	9.51	83	58143	21.192	ug/l	99
48) Methyl methacrylate	9.31	41	31449	20.810	ug/l	99
49) 1,4-Dioxane	9.31	88	6593	410.628	ug/l	96
51) 4-Methyl-2-Pentanone	10.08	43	181386	105.649	ug/l	99
52) Toluene	10.25	92	114217	21.099	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	64163	21.155	ug/l	97
54) cis-1,3-Dichloropropene	9.94	75	74369	21.304	ug/l	95
55) 1,1,2-Trichloroethane	10.65	97	35508	21.183	ug/l	96
56) Ethyl methacrylate	10.52	69	53185	21.150	ug/l	98
57) 1,3-Dichloropropane	10.80	76	64843	21.771	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	130590	128.821	ug/l	99
59) 2-Hexanone	10.84	43	130846	101.573	ug/l	99
60) Dibromochloromethane	10.99	129	37724	20.413	ug/l	100
61) 1,2-Dibromoethane	11.10	107	33741	21.289	ug/l	97
64) Tetrachloroethene	10.73	164	37828	21.859	ug/l	94
65) Chlorobenzene	11.52	112	118519	21.535	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	40470	21.798	ug/l	98
67) Ethyl Benzene	11.60	91	218202	21.364	ug/l	97
68) m/p-Xylenes	11.70	106	164058	43.001	ug/l	98
69) o-Xylene	12.03	106	77879	21.471	ug/l	97
70) Styrene	12.05	104	134121	21.277	ug/l	98
71) Bromoform	12.22	173	21496	20.260	ug/l #	100
73) Isopropylbenzene	12.33	105	206745	20.840	ug/l	99
74) N-amyl acetate	12.15	43	63811	20.155	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	45420	21.443	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	31985m	21.412	ug/l	
77) Bromobenzene	12.61	156	46021	21.400	ug/l	95
78) n-propylbenzene	12.67	91	259924	21.513	ug/l	99
79) 2-Chlorotoluene	12.76	91	141058	20.816	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	172361	20.989	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	16489	20.942	ug/l	97
82) 4-Chlorotoluene	12.86	91	150607	21.072	ug/l	100
83) tert-Butylbenzene	13.08	119	147241	21.438	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	173129	21.147	ug/l	98
85) sec-Butylbenzene	13.26	105	216787	21.461	ug/l	100
86) p-Isopropyltoluene	13.38	119	188599	21.492	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	88997	21.338	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	90050	21.359	ug/l	99
89) n-Butylbenzene	13.70	91	193098	21.535	ug/l	99
90) Hexachloroethane	13.97	117	35430	21.429	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	81249	21.109	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	6913	19.775	ug/l	97

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93) 1,2,4-Trichlorobenzene	15.02	180	53588	21.009	ug/l	98
94) Hexachlorobutadiene	15.12	225	26165	20.627	ug/l	99
95) Naphthalene	15.24	128	121408	20.644	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	46854	20.880	ug/l	99

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

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