

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012420\
 Data File : VY001385.D
 Acq On : 24 Jan 2020 16:17
 Operator : SY/MD
 Sample : VY0124SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0124SBS01

Manual Integrations
 APPROVED

MMDadoda
 1/27/2020 12:02:12 PM

Quant Time: Jan 25 04:36:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	197644	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.71	114	344882	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	306105	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	145886	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	108506	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
35) Dibromofluoromethane	7.74	113	101559	50.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.34%	
50) Toluene-d8	10.19	98	411953	52.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.76%	
62) 4-Bromofluorobenzene	12.49	95	150056	47.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.82%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.91	85	31883	20.456	ug/l	100
3) Chloromethane	2.12	50	45132	19.159	ug/l	98
4) Vinyl Chloride	2.26	62	47247	19.235	ug/l	99
5) Bromomethane	2.65	94	32124	19.419	ug/l	98
6) Chloroethane	2.80	64	29468	18.775	ug/l	99
7) Trichlorofluoromethane	3.14	101	61640	19.614	ug/l	98
8) Diethyl Ether	3.55	74	23973	18.070	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.92	101	38562	19.267	ug/l	98
10) Methyl Iodide	4.11	142	44080	16.699	ug/l	99
11) Tert butyl alcohol	4.99	59	21493	65.156	ug/l	97
12) 1,1-Dichloroethene	3.90	96	39671	18.905	ug/l	100
13) Acrolein	3.75	56	16402	94.809	ug/l	94
14) Allyl chloride	4.50	41	69242	18.503	ug/l	98
15) Acrylonitrile	5.19	53	62098	91.442	ug/l	100
16) Acetone	3.97	43	45518	75.039	ug/l	99
17) Carbon Disulfide	4.22	76	123189	18.666	ug/l	99
18) Methyl Acetate	4.51	43	32839	18.107	ug/l	100
19) Methyl tert-butyl Ether	5.25	73	111115	18.084	ug/l	97
20) Methylene Chloride	4.74	84	47179	14.779	ug/l	99
21) trans-1,2-Dichloroethene	5.25	96	45105	18.504	ug/l	97
22) Diisopropyl ether	6.15	45	140843	17.724	ug/l	96
23) Vinyl Acetate	6.09	43	465672	90.264	ug/l	98
24) 1,1-Dichloroethane	6.05	63	75471	18.018	ug/l	95
25) 2-Butanone	7.02	43	82310	87.931	ug/l	98
26) 2,2-Dichloropropane	7.01	77	69360	18.590	ug/l	100
27) cis-1,2-Dichloroethene	7.02	96	48869	17.939	ug/l	95
28) Bromochloromethane	7.36	49	30425	17.613	ug/l	99
29) Tetrahydrofuran	7.38	42	55724	91.501	ug/l	99
30) Chloroform	7.53	83	74553	18.159	ug/l	97
31) Cyclohexane	7.80	56	80180	19.280	ug/l	97
32) 1,1,1-Trichloroethane	7.72	97	64234	18.530	ug/l	99
36) 1,1-Dichloropropene	7.94	75	61514	18.879	ug/l	99
37) Ethyl Acetate	7.10	43	37003	18.588	ug/l	99
38) Carbon Tetrachloride	7.93	117	55099	18.975	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	81950	19.633	ug/l	97
40) Benzene	8.18	78	180741	18.500	ug/l	100
41) Methacrylonitrile	7.35	41	22374m	21.780	ug/l	
42) 1,2-Dichloroethane	8.26	62	50284	18.420	ug/l	99
43) Isopropyl Acetate	8.29	43	72378	18.698	ug/l	99
44) Trichloroethene	8.96	130	46842	18.684	ug/l	99
45) 1,2-Dichloropropane	9.23	63	44827	18.151	ug/l	97
46) Dibromomethane	9.32	93	23930	18.048	ug/l	99
47) Bromodichloromethane	9.51	83	58479	18.450	ug/l	100
48) Methyl methacrylate	9.30	41	33036	18.773	ug/l	96
49) 1,4-Dioxane	9.31	88	7019	375.398	ug/l	92
51) 4-Methyl-2-Pentanone	10.08	43	187416	94.015	ug/l	99
52) Toluene	10.25	92	114978	18.566	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	63736	18.142	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	73158	18.143	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	34448	17.603	ug/l	96
56) Ethyl methacrylate	10.52	69	54614	18.464	ug/l	99
57) 1,3-Dichloropropane	10.80	76	62888	18.448	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	103986	101.598	ug/l	99
59) 2-Hexanone	10.84	43	131083	94.454	ug/l	100
60) Dibromochloromethane	10.99	129	40425	18.469	ug/l	97
61) 1,2-Dibromoethane	11.10	107	34102	18.433	ug/l	99
64) Tetrachloroethene	10.72	164	36044	18.434	ug/l	97
65) Chlorobenzene	11.52	112	117874	18.269	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	40616	18.446	ug/l	99
67) Ethyl Benzene	11.60	91	222400	18.704	ug/l	98
68) m/p-Xylenes	11.70	106	164543	37.050	ug/l	100
69) o-Xylene	12.03	106	78340	18.337	ug/l	100
70) Styrene	12.05	104	137270	18.313	ug/l	99
71) Bromoform	12.21	173	23122	17.591	ug/l #	98
73) Isopropylbenzene	12.33	105	211237	18.350	ug/l	99
74) N-amyl acetate	12.14	43	68075	18.066	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	44382	18.002	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	30010m	17.071	ug/l	
77) Bromobenzene	12.61	156	45893	17.999	ug/l	99
78) n-propylbenzene	12.67	91	258578	18.662	ug/l	99
79) 2-Chlorotoluene	12.76	91	142612	18.017	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	176331	18.351	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	16120	17.353	ug/l	96
82) 4-Chlorotoluene	12.86	91	149824	17.720	ug/l	99
83) tert-Butylbenzene	13.08	119	147343	18.191	ug/l	97
84) 1,2,4-Trimethylbenzene	13.13	105	178196	18.471	ug/l	99
85) sec-Butylbenzene	13.25	105	216234	18.790	ug/l	100
86) p-Isopropyltoluene	13.38	119	191515	18.885	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	90308	18.391	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	91095	18.271	ug/l	99
89) n-Butylbenzene	13.70	91	193884	18.996	ug/l	99
90) Hexachloroethane	13.96	117	35557	18.497	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	82969	18.321	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	7733	18.177	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	55172	18.152	ug/l	99
94) Hexachlorobutadiene	15.11	225	27274	18.429	ug/l	99
95) Naphthalene	15.24	128	240462	34.599	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	48065	18.027	ug/l	99

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

