

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV021920\
 Data File : VV014614.D
 Acq On : 19 Feb 2020 18:35
 Operator : SY/MD
 Sample : MDL01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01

Quant Time: Feb 20 02:51:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR021920WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 20 02:48:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	20965	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	21749	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	10900	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	42925	55.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 1115.00%#	
7) Chloroethane-d5	1.58	69	34897	58.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 1179.40%#	
11) 1,1-Dichloroethene-d2	2.13	63	73052	50.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 1009.00%#	
20) 2-Butanone-d5	3.95	46	108515	669.61	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	= 1339.22%#	
24) Chloroform-d	4.40	84	101013	53.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 1076.60%#	
26) 1,2-Dichloroethane-d4	5.08	65	69754	59.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 1190.20%#	
32) Benzene-d6	5.09	84	301682	54.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 1082.40%#	
36) 1,2-Dichloropropane-d6	6.11	67	84829	53.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 1077.00%#	
41) Toluene-d8	7.35	98	286727	53.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 1068.00%#	
43) trans-1,3-Dichloropropene-	7.66	79	37299	55.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 1119.20%#	
46) 2-Hexanone-d5	8.13	63	134078	587.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 1175.10%#	
56) 1,1,2,2-Tetrachloroethane-	10.25	84	63398	54.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 1085.00%#	
66) 1,2-Dichlorobenzene-d4	11.67	152	103573	53.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 1075.00%#	

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	58232	28.795	ug/L	98
3) Chloromethane	1.25	50	25910	30.122	ug/L	97
5) Vinyl chloride	1.32	62	26492	29.370	ug/L	100
6) Bromomethane	1.53	94	15711	29.303	ug/L	98
8) Chloroethane	1.60	64	13774	29.232	ug/L	99
9) Trichlorofluoromethane	1.77	101	53485	29.275	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	21781	28.326	ug/L	99
12) 1,1-Dichloroethene	2.14	96	20550	29.921	ug/L #	57
13) Acetone	2.21	43	25233	267.516	ug/L	96
14) Carbon disulfide	2.31	76	112229	29.225	ug/L	99
15) Methyl Acetate	2.47	43	7690	22.615	ug/L	96
16) Methylene chloride	2.53	84	41343	28.820	ug/L	99
17) Methyl tert-butyl Ether	2.80	73	89332	30.387	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	43561	30.557	ug/L	98
19) 1,1-Dichloroethane	3.23	63	69815	29.910	ug/L	98
21) 2-Butanone	4.04	43	52564	303.139	ug/L	94
22) cis-1,2-Dichloroethene	3.96	96	45220	29.875	ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	18076	28.680	ug/L	94
25) Chloroform	4.42	83	127237	38.440	ug/L	95
27) 1,2-Dichloroethane	5.18	62	41707	29.837	ug/L #	94
29) 1,1,1-Trichloroethane	4.65	97	70423	26.532	ug/L	99
30) Cyclohexane	4.72	56	64538	26.103	ug/L	97
31) Carbon tetrachloride	4.87	117	59828	25.991	ug/L	99
33) Benzene	5.14	78	164934	27.385	ug/L	100
34) Trichloroethene	5.96	95	44541	26.004	ug/L	95
35) Methylcyclohexane	6.17	83	75532	26.533	ug/L	99
37) 1,2-Dichloropropane	6.22	63	34811	24.936	ug/L	98
38) Bromodichloromethane	6.55	83	52984	26.557	ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	63046	28.083	ug/L	97
40) 4-Methyl-2-pentanone	7.27	43	196560	290.032	ug/L	95
42) Toluene	7.43	91	180612	27.378	ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	48299	26.988	ug/L	95
45) 1,1,2-Trichloroethane	7.88	97	28715	27.450	ug/L	98
47) Tetrachloroethene	8.02	164	36146	26.741	ug/L	97
48) 2-Hexanone	8.19	43	136412	279.747	ug/L	99
49) Dibromochloromethane	8.29	129	36618	27.037	ug/L	96
50) 1,2-Dibromoethane	8.39	107	28393	28.538	ug/L	98
51) Chlorobenzene	8.92	112	115066	26.438	ug/L	96
52) Ethylbenzene	9.05	91	201822	26.870	ug/L	100
53) m,p-xylene	9.18	106	78926	27.460	ug/L	100
54) o-xylene	9.58	106	75883	27.492	ug/L	90
55) Styrene	9.60	104	124647	27.343	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.28	83	32583	27.375	ug/L	96
59) Bromoform	9.77	173	18216	26.413	ug/L #	98
60) Isopropylbenzene	9.97	105	202463	26.877	ug/L	100
61) 1,2,3-Trichloropropane	10.32	75	24146	28.034	ug/L	98
62) 1,3,5-Trimethylbenzene	10.58	105	173592	27.612	ug/L	100
63) 1,2,4-Trimethylbenzene	10.95	105	169601	27.500	ug/L	100
64) 1,3-Dichlorobenzene	11.22	146	93311	26.419	ug/L	97
65) 1,4-Dichlorobenzene	11.31	146	90858	26.190	ug/L	98
67) 1,2-Dichlorobenzene	11.68	146	85621	27.610	ug/L	98
68) 1,2-Dibromo-3-chloropropan	12.47	75	5244	25.773	ug/L	88
69) 1,3,5-Trichlorobenzene	12.69	180	69333	26.625	ug/L	100
70) 1,2,4-trichlorobenzene	13.30	180	60691	27.822	ug/L	99
71) Naphthalene	13.55	128	102574	27.813	ug/L	99
72) 1,2,3-Trichlorobenzene	13.79	180	54630	28.594	ug/L	99

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

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