

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV021920\
 Data File : VV014615.D
 Acq On : 19 Feb 2020 18:59
 Operator : SY/MD
 Sample : MDL02
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL02

Quant Time: Feb 20 02:51:51 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	24542	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	24088	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	13022	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	44093	48.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	978.40%#
7) Chloroethane-d5	1.58	69	35477	51.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	1024.20%#
11) 1,1-Dichloroethene-d2	2.13	63	77304	45.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	912.00%#
20) 2-Butanone-d5	3.96	46	111861	589.65	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	1179.30%#
24) Chloroform-d	4.40	84	106003	48.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	965.00%#
26) 1,2-Dichloroethane-d4	5.08	65	74626	54.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	1087.80%#
32) Benzene-d6	5.09	84	320266	51.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	1037.60%#
36) 1,2-Dichloropropane-d6	6.11	67	87976	50.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	1008.60%#
41) Toluene-d8	7.35	98	304127	51.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	1022.80%#
43) trans-1,3-Dichloropropene-	7.66	79	38151	51.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	1033.60%#
46) 2-Hexanone-d5	8.13	63	139486	551.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	1103.78%#
56) 1,1,2,2-Tetrachloroethane-	10.25	84	68312	52.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	1055.40%#
66) 1,2-Dichlorobenzene-d4	11.67	152	108007	46.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	938.20%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	57298	24.203	ug/L	98
3) Chloromethane	1.25	50	23657	23.494	ug/L	97
5) Vinyl chloride	1.32	62	24629	23.325	ug/L	99
6) Bromomethane	1.53	94	15296	24.371	ug/L	94
8) Chloroethane	1.60	64	13055	23.668	ug/L	98
9) Trichlorofluoromethane	1.77	101	53533	25.031	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	22367	24.848	ug/L	95
12) 1,1-Dichloroethene	2.14	96	19794	24.620	ug/L #	52
13) Acetone	2.21	43	26850	243.170	ug/L	99
14) Carbon disulfide	2.31	76	111766	24.862	ug/L	99
15) Methyl Acetate	2.47	43	8113	20.382	ug/L	94
16) Methylene chloride	2.53	84	38621	22.999	ug/L	99
17) Methyl tert-butyl Ether	2.80	73	87644	25.468	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	41101	24.629	ug/L	98
19) 1,1-Dichloroethane	3.23	63	67284	24.625	ug/L	99
21) 2-Butanone	4.04	43	47986	236.403	ug/L	85
22) cis-1,2-Dichloroethene	3.96	96	44522	25.126	ug/L	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	17831	24.168	ug/L	98
25) Chloroform	4.42	83	125436	32.372	ug/L	99
27) 1,2-Dichloroethane	5.18	62	41349	25.270	ug/L #	94
29) 1,1,1-Trichloroethane	4.65	97	68442	23.282	ug/L	98
30) Cyclohexane	4.72	56	63331	23.128	ug/L	98
31) Carbon tetrachloride	4.87	117	59820	23.464	ug/L	99
33) Benzene	5.14	78	160651	24.084	ug/L	100
34) Trichloroethene	5.96	95	44861	23.648	ug/L	95
35) Methylcyclohexane	6.17	83	72335	22.943	ug/L	99
37) 1,2-Dichloropropane	6.22	63	33547	21.697	ug/L	99
38) Bromodichloromethane	6.55	83	50959	23.062	ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	57980	23.319	ug/L	98
40) 4-Methyl-2-pentanone	7.27	43	192036	255.842	ug/L	96
42) Toluene	7.43	91	178057	24.370	ug/L	96
44) trans-1,3-Dichloropropene	7.69	75	47023	23.723	ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	27392	23.643	ug/L	99
47) Tetrachloroethene	8.01	164	35421	23.660	ug/L	95
48) 2-Hexanone	8.19	43	135547	250.981	ug/L	99
49) Dibromochloromethane	8.29	129	35609	23.739	ug/L	96
50) 1,2-Dibromoethane	8.39	107	26994	24.497	ug/L	92
51) Chlorobenzene	8.92	112	113737	23.595	ug/L	96
52) Ethylbenzene	9.05	91	199615	23.996	ug/L	98
53) m,p-xylene	9.18	106	76494	24.030	ug/L	98
54) o-xylene	9.58	106	76247	24.942	ug/L	94
55) Styrene	9.60	104	120601	23.886	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.28	83	32330	24.525	ug/L	98
59) Bromoform	9.77	173	17871	21.690	ug/L	99
60) Isopropylbenzene	9.97	105	198890	22.100	ug/L	99
61) 1,2,3-Trichloropropane	10.32	75	22948	22.302	ug/L	99
62) 1,3,5-Trimethylbenzene	10.58	105	167683	22.326	ug/L	98
63) 1,2,4-Trimethylbenzene	10.96	105	162592	22.067	ug/L	100
64) 1,3-Dichlorobenzene	11.22	146	92140	21.836	ug/L	99
65) 1,4-Dichlorobenzene	11.31	146	91375	22.047	ug/L	98
67) 1,2-Dichlorobenzene	11.68	146	83792	22.617	ug/L	99
68) 1,2-Dibromo-3-chloropropan	12.47	75	5605	23.058	ug/L	97
69) 1,3,5-Trichlorobenzene	12.69	180	70604	22.695	ug/L	98
70) 1,2,4-trichlorobenzene	13.30	180	60483	23.209	ug/L	97
71) Naphthalene	13.55	128	100680	22.851	ug/L	99
72) 1,2,3-Trichlorobenzene	13.79	180	53416	23.402	ug/L	99

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

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