

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022420\
 Data File : VV014690.D
 Acq On : 24 Feb 2020 10:19
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05074

Quant Time: Feb 25 06:33:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM022120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Feb 24 17:02:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	207251	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	196975	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	102645	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	30710	37.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.88%
7) Chloroethane-d5	1.59	69	24692	42.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.18%
11) 1,1-Dichloroethene-d2	2.13	63	67710	44.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.76%
21) 2-Butanone-d5	3.95	46	68115	90.53	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.53%
24) Chloroform-d	4.40	84	126991	47.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.84%
26) 1,2-Dichloroethane-d4	5.08	65	84072	49.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.24%
32) Benzene-d6	5.09	84	233800	44.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.68%
36) 1,2-Dichloropropane-d6	6.11	67	68493	45.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.12%
41) Toluene-d8	7.35	98	228234	45.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.90%
43) trans-1,3-Dichloropropene-	7.66	79	39774	46.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.40%
47) 2-Hexanone-d5	8.13	63	54347	89.20	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.20%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	99882	47.42	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.84%
64) 1,2-Dichlorobenzene-d4	11.67	152	93766	46.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.38%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	81787	55.853	ug/L 100
3) Chloromethane	1.25	50	34303	44.296	ug/L 98
5) Vinyl chloride	1.33	62	37804	48.606	ug/L 95
6) Bromomethane	1.54	94	25075	54.278	ug/L 100
8) Chloroethane	1.60	64	20201	47.617	ug/L 98
9) Trichlorofluoromethane	1.77	101	94297	55.886	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	38773	55.235	ug/L 97
12) 1,1-Dichloroethene	2.14	96	32615	51.625	ug/L 99
13) Acetone	2.21	43	88366	132.270	ug/L 95
14) Carbon disulfide	2.32	76	147417	51.545	ug/L 99
15) Methyl Acetate	2.47	43	50399	46.179	ug/L 97
16) Methylene chloride	2.54	84	67581	51.278	ug/L 97
17) trans-1,2-Dichloroethene	2.79	96	64329	52.511	ug/L 99
18) Methyl tert-butyl Ether	2.80	73	216480	52.563	ug/L 99
19) 1,1-Dichloroethane	3.23	63	113798	51.537	ug/L 100
20) cis-1,2-Dichloroethene	3.96	96	75505	53.063	ug/L 96
22) 2-Butanone	4.03	43	93414	110.416	ug/L 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	38613	53.454	ug/L	95
25) Chloroform	4.42	83	137722	53.618	ug/L	98
27) 1,2-Dichloroethane	5.17	62	104778	55.663	ug/L	97
29) Cyclohexane	4.72	56	91960	49.954	ug/L	96
30) 1,1,1-Trichloroethane	4.65	97	124858	54.507	ug/L	98
31) Carbon tetrachloride	4.87	117	112203	55.361	ug/L	98
33) Benzene	5.14	78	259626	51.108	ug/L	100
34) Trichloroethene	5.96	95	74278	50.231	ug/L	97
35) Methylcyclohexane	6.17	83	114391	54.193	ug/L	99
37) 1,2-Dichloropropane	6.22	63	62787	50.533	ug/L	98
38) Bromodichloromethane	6.55	83	103420	54.004	ug/L	99
39) cis-1,3-Dichloropropene	7.06	75	114683	51.684	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	153142	99.497	ug/L	100
42) Toluene	7.42	91	290182	52.835	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	107534	53.416	ug/L	98
45) 1,1,2-Trichloroethane	7.87	97	68803	51.736	ug/L	99
46) Tetrachloroethene	8.01	164	58790	54.955	ug/L	99
48) 2-Hexanone	8.18	43	129649	107.396	ug/L	99
49) Dibromochloromethane	8.28	129	87919	55.630	ug/L	100
50) 1,2-Dibromoethane	8.39	107	75895	51.797	ug/L	99
51) Chlorobenzene	8.92	112	196633	52.541	ug/L	99
52) Ethylbenzene	9.05	91	338124	53.720	ug/L	99
53) m,p-Xylene	9.17	106	130123	53.471	ug/L	98
54) o-xylene	9.58	106	126768	53.524	ug/L	97
55) Styrene	9.60	104	217184	54.999	ug/L	98
56) Isopropylbenzene	9.97	105	348078	55.594	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	107229	52.368	ug/L	100
59) 1,2,3-Trichloropropane	10.31	75	88226	52.481	ug/L	99
61) Bromoform	9.77	173	61273	54.992	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	163330	53.076	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	166260	52.793	ug/L	100
65) 1,2-Dichlorobenzene	11.68	146	159740	52.133	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.47	75	27085	51.988	ug/L	96
67) 1,3,5-Trichlorobenzene	12.68	180	123768	54.720	ug/L	99
68) 1,2,4-trichlorobenzene	13.30	180	112998	53.260	ug/L	98
69) Naphthalene	13.54	128	356706	50.059	ug/L	99
70) 1,2,3-Trichlorobenzene	13.78	180	114412	52.487	ug/L	99

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

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