

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022520\
 Data File : VV014708.D
 Acq On : 25 Feb 2020 13:09
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05077

Quant Time: Feb 26 01:10:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM022120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 26 01:08:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	219969	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	208611	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	108391	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	35927	41.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.64%
7) Chloroethane-d5	1.58	69	27306	43.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.72%
11) 1,1-Dichloroethene-d2	2.13	63	74117	46.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.56%
21) 2-Butanone-d5	3.94	46	72649	90.98	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.98%
24) Chloroform-d	4.39	84	134355	47.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.54%
26) 1,2-Dichloroethane-d4	5.07	65	88253	49.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.16%
32) Benzene-d6	5.09	84	253041	45.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.66%
36) 1,2-Dichloropropane-d6	6.11	67	71353	44.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.64%
41) Toluene-d8	7.35	98	247009	46.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.90%
43) trans-1,3-Dichloropropene-	7.66	79	42663	47.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.60%
47) 2-Hexanone-d5	8.13	63	61147	94.76	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.76%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	103539	46.41	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.82%
64) 1,2-Dichlorobenzene-d4	11.67	152	100470	47.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.76%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	76989	49.537	ug/L 100
3) Chloromethane	1.25	50	31822	38.716	ug/L 97
5) Vinyl chloride	1.32	62	35279	42.737	ug/L 99
6) Bromomethane	1.54	94	23715	48.366	ug/L 100
8) Chloroethane	1.60	64	19575	43.474	ug/L 99
9) Trichlorofluoromethane	1.77	101	90683	50.637	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	38467	51.631	ug/L 99
12) 1,1-Dichloroethene	2.14	96	31449	46.901	ug/L 95
13) Acetone	2.21	43	73403	103.520	ug/L 93
14) Carbon disulfide	2.32	76	135381	44.600	ug/L 98
15) Methyl Acetate	2.47	43	49834	43.021	ug/L 96
16) Methylene chloride	2.53	84	65901	47.112	ug/L 98
17) trans-1,2-Dichloroethene	2.79	96	61386	47.212	ug/L 99
18) Methyl tert-butyl Ether	2.80	73	212233	48.553	ug/L 99
19) 1,1-Dichloroethane	3.23	63	110007	46.940	ug/L 99
20) cis-1,2-Dichloroethene	3.96	96	72462	47.980	ug/L 100
22) 2-Butanone	4.03	43	81565	90.836	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	38057	49.638	ug/L	98
25) Chloroform	4.42	83	134248	49.243	ug/L	99
27) 1,2-Dichloroethane	5.17	62	102115	51.112	ug/L	98
29) Cyclohexane	4.72	56	87763	45.015	ug/L	96
30) 1,1,1-Trichloroethane	4.65	97	122779	50.610	ug/L	99
31) Carbon tetrachloride	4.87	117	108919	50.743	ug/L	99
33) Benzene	5.14	78	252750	46.979	ug/L	100
34) Trichloroethene	5.95	95	72456	46.265	ug/L	97
35) Methylcyclohexane	6.17	83	109504	48.984	ug/L	99
37) 1,2-Dichloropropane	6.21	63	60330	45.848	ug/L	98
38) Bromodichloromethane	6.55	83	99739	49.177	ug/L	99
39) cis-1,3-Dichloropropene	7.06	75	109056	46.407	ug/L	98
40) 4-Methyl-2-pentanone	7.27	43	149217	91.539	ug/L	98
42) Toluene	7.42	91	284146	48.850	ug/L	99
44) trans-1,3-Dichloropropene	7.68	75	105983	49.709	ug/L	99
45) 1,1,2-Trichloroethane	7.87	97	68333	48.517	ug/L	99
46) Tetrachloroethene	8.01	164	57089	50.388	ug/L	97
48) 2-Hexanone	8.18	43	122872	96.105	ug/L	99
49) Dibromochloromethane	8.28	129	83353	49.799	ug/L	98
50) 1,2-Dibromoethane	8.39	107	74914	48.275	ug/L	100
51) Chlorobenzene	8.92	112	191794	48.389	ug/L	99
52) Ethylbenzene	9.05	91	328025	49.208	ug/L	98
53) m,p-Xylene	9.17	106	125707	48.775	ug/L	96
54) o-xylene	9.58	106	123322	49.164	ug/L	97
55) Styrene	9.60	104	207818	49.691	ug/L	97
56) Isopropylbenzene	9.97	105	337521	50.901	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	105178	48.501	ug/L	98
59) 1,2,3-Trichloropropane	10.31	75	84951	47.715	ug/L	98
61) Bromoform	9.77	173	58815	49.987	ug/L	100
62) 1,3-Dichlorobenzene	11.22	146	157972	48.613	ug/L	100
63) 1,4-Dichlorobenzene	11.31	146	158126	47.548	ug/L	98
65) 1,2-Dichlorobenzene	11.68	146	156061	48.232	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.47	75	26217	47.654	ug/L	96
67) 1,3,5-Trichlorobenzene	12.68	180	119264	49.934	ug/L	98
68) 1,2,4-trichlorobenzene	13.30	180	107957	48.187	ug/L	98
69) Naphthalene	13.54	128	345993	45.982	ug/L	99
70) 1,2,3-Trichlorobenzene	13.78	180	110227	47.886	ug/L	100

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

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