

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111120\
 Data File : VV019343.D
 Acq On : 11 Nov 2020 18:24
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05094

Quant Time: Nov 12 00:50:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 12 00:41:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	257497	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	253360	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	141797	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	113693	55.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	111.12%
7) Chloroethane-d5	1.58	69	90425	56.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	113.76%
11) 1,1-Dichloroethene-d2	2.12	63	205258	52.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.46%
21) 2-Butanone-d5	3.91	46	142189	113.45	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.45%
24) Chloroform-d	4.37	84	200610	52.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.40%
26) 1,2-Dichloroethane-d4	5.05	65	131490	49.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.14%
32) Benzene-d6	5.07	84	377575	52.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.06%
36) 1,2-Dichloropropane-d6	6.09	67	120061	56.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	112.06%
41) Toluene-d8	7.33	98	345244	50.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.02%
43) trans-1,3-Dichloropropene-	7.64	79	60740	48.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.96%
47) 2-Hexanone-d5	8.11	63	94818	102.17	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.17%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	158528	54.87	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.74%
64) 1,2-Dichlorobenzene-d4	11.64	152	141275	47.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.84%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	100125	44.284	ug/L 100
3) Chloromethane	1.25	50	114608	55.819	ug/L 100
5) Vinyl chloride	1.32	62	114568	54.502	ug/L 98
6) Bromomethane	1.53	94	73484	52.188	ug/L 98
8) Chloroethane	1.60	64	73471	56.212	ug/L 100
9) Trichlorofluoromethane	1.76	101	167147	47.708	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	89862	53.296	ug/L 96
12) 1,1-Dichloroethene	2.13	96	86942	52.652	ug/L 96
13) Acetone	2.19	43	115050	98.809	ug/L 96
14) Carbon disulfide	2.31	76	237285	45.209	ug/L 100
15) Methyl Acetate	2.45	43	106003	56.491	ug/L 98
16) Methylene chloride	2.52	84	100338	53.512	ug/L 96
17) trans-1,2-Dichloroethene	2.78	96	88895	50.123	ug/L 99
18) Methyl tert-butyl Ether	2.78	73	293967	49.500	ug/L 97
19) 1,1-Dichloroethane	3.21	63	179373	54.285	ug/L 98
20) cis-1,2-Dichloroethene	3.94	96	97388	50.033	ug/L 100
22) 2-Butanone	3.99	43	147716	116.472	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

23) Bromochloromethane	4.27	128	53476	51.198	ug/L #	87
25) Chloroform	4.40	83	185841	52.047	ug/L	99
27) 1,2-Dichloroethane	5.15	62	150224	49.418	ug/L	99
29) Cyclohexane	4.70	56	134555	47.572	ug/L	97
30) 1,1,1-Trichloroethane	4.63	97	162747	47.402	ug/L	98
31) Carbon tetrachloride	4.85	117	139635	45.865	ug/L	99
33) Benzene	5.12	78	383692	52.525	ug/L	100
34) Trichloroethene	5.94	95	101439	50.690	ug/L	96
35) Methylcyclohexane	6.15	83	128816	47.682	ug/L	97
37) 1,2-Dichloropropane	6.20	63	104821	57.781	ug/L	100
38) Bromodichloromethane	6.53	83	137765	51.049	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	159364	53.184	ug/L	99
40) 4-Methyl-2-pentanone	7.24	43	290320	116.007	ug/L	99
42) Toluene	7.41	91	408321	50.988	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	160245	51.408	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	98403	54.085	ug/L	98
46) Tetrachloroethene	8.00	164	78176	45.749	ug/L	98
48) 2-Hexanone	8.16	43	229774	115.513	ug/L	98
49) Dibromochloromethane	8.27	129	112821	51.214	ug/L	97
50) 1,2-Dibromoethane	8.37	107	103498	53.317	ug/L	99
51) Chlorobenzene	8.90	112	263223	50.135	ug/L	99
52) Ethylbenzene	9.03	91	436829	49.504	ug/L	100
53) m,p-Xylene	9.16	106	165686	49.712	ug/L	100
54) o-xylene	9.56	106	160843	50.265	ug/L	99
55) Styrene	9.58	104	292858	51.637	ug/L	98
56) Isopropylbenzene	9.95	105	418215	48.632	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	152098	54.900	ug/L	97
59) 1,2,3-Trichloropropane	10.29	75	129969	54.803	ug/L	98
61) Bromoform	9.75	173	82988	47.445	ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	214266	47.906	ug/L	98
63) 1,4-Dichlorobenzene	11.29	146	222619	47.893	ug/L	99
65) 1,2-Dichlorobenzene	11.66	146	217082	48.995	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	34968	46.125	ug/L	96
67) 1,3,5-Trichlorobenzene	12.67	180	148989	45.252	ug/L	98
68) 1,2,4-trichlorobenzene	13.28	180	138177	44.793	ug/L	99
69) Naphthalene	13.52	128	403781	46.733	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	144843	47.981	ug/L	100

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

