

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010821\
 Data File : VV019957.D
 Acq On : 08 Jan 2021 19:09
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05081

Quant Time: Jan 08 22:53:31 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 08 22:51:06 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	513677	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	498883	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.26	152	257553	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	154263	38.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.62%
7) Chloroethane-d5	1.57	69	142339	45.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.10%
11) 1,1-Dichloroethene-d2	2.11	63	335431	44.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.28%
21) 2-Butanone-d5	3.89	46	290089	98.46	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.46%
24) Chloroform-d	4.35	84	344964	45.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.86%
26) 1,2-Dichloroethane-d4	5.04	65	238026	48.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.98%
32) Benzene-d6	5.05	84	632160	44.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.00%
36) 1,2-Dichloropropane-d6	6.07	67	208910	44.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.44%
41) Toluene-d8	7.32	98	550470	43.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.10%
43) trans-1,3-Dichloropropene-	7.62	79	99537	42.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.78%
47) 2-Hexanone-d5	8.09	63	186205	95.38	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.38%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	295137	48.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.08%
64) 1,2-Dichlorobenzene-d4	11.63	152	218086	44.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.54%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.13	85	186282	46.717	ug/L 100
3) Chloromethane	1.24	50	224264	45.923	ug/L 99
5) Vinyl chloride	1.31	62	223988	46.944	ug/L 98
6) Bromomethane	1.52	94	132827	45.953	ug/L 96
8) Chloroethane	1.59	64	149798	50.501	ug/L 99
9) Trichlorofluoromethane	1.75	101	296565	51.307	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	159920	49.125	ug/L 98
12) 1,1-Dichloroethene	2.12	96	156647	47.955	ug/L 93
13) Acetone	2.18	43	211569	92.759	ug/L 100
14) Carbon disulfide	2.30	76	434848	40.863	ug/L 99
15) Methyl Acetate	2.43	43	228649	49.338	ug/L 100
16) Methylene chloride	2.51	84	194123	47.317	ug/L 99
17) trans-1,2-Dichloroethene	2.76	96	169823	46.466	ug/L 94
18) Methyl tert-butyl Ether	2.77	73	593423	48.090	ug/L 99
19) 1,1-Dichloroethane	3.19	63	361043	48.954	ug/L 100
20) cis-1,2-Dichloroethene	3.92	96	189517	47.396	ug/L 99
22) 2-Butanone	3.97	43	314478	98.206	ug/L 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.25	128	94352	47.755	ug/L	98
25) Chloroform	4.38	83	360565	49.559	ug/L	99
27) 1,2-Dichloroethane	5.14	62	305682	50.961	ug/L	100
29) Cyclohexane	4.68	56	280669	43.942	ug/L	98
30) 1,1,1-Trichloroethane	4.61	97	304280	47.639	ug/L	99
31) Carbon tetrachloride	4.83	117	245372	46.683	ug/L	100
33) Benzene	5.11	78	750273	47.815	ug/L	100
34) Trichloroethene	5.92	95	194825	46.802	ug/L	98
35) Methylcyclohexane	6.14	83	271000	43.410	ug/L	98
37) 1,2-Dichloropropane	6.18	63	208016	49.366	ug/L	100
38) Bromodichloromethane	6.51	83	263945	47.912	ug/L	99
39) cis-1,3-Dichloropropene	7.03	75	294552	45.381	ug/L	99
40) 4-Methyl-2-pentanone	7.23	43	629858	99.826	ug/L	98
42) Toluene	7.39	91	771174	47.979	ug/L	99
44) trans-1,3-Dichloropropene	7.66	75	296601	46.852	ug/L	99
45) 1,1,2-Trichloroethane	7.84	97	188929	48.879	ug/L	98
46) Tetrachloroethene	7.98	164	124288	44.708	ug/L	98
48) 2-Hexanone	8.14	43	480089	98.416	ug/L	99
49) Dibromochloromethane	8.25	129	187450	46.901	ug/L	99
50) 1,2-Dibromoethane	8.36	107	193150	47.613	ug/L	99
51) Chlorobenzene	8.88	112	485210	47.340	ug/L	97
52) Ethylbenzene	9.02	91	863155	47.723	ug/L	99
53) m,p-Xylene	9.14	106	313576	47.599	ug/L	99
54) o-xylene	9.55	106	308259	47.861	ug/L	99
55) Styrene	9.57	104	554228	49.512	ug/L	100
56) Isopropylbenzene	9.94	105	825793	47.875	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.25	83	302760	49.316	ug/L	99
59) 1,2,3-Trichloropropane	10.28	75	262956	49.087	ug/L	100
61) Bromoform	9.74	173	117500	44.359	ug/L	99
62) 1,3-Dichlorobenzene	11.19	146	371793	47.419	ug/L	99
63) 1,4-Dichlorobenzene	11.28	146	375420	46.555	ug/L	100
65) 1,2-Dichlorobenzene	11.65	146	375511	46.918	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.44	75	69228	45.441	ug/L	95
67) 1,3,5-Trichlorobenzene	12.65	180	259337	45.845	ug/L	99
68) 1,2,4-trichlorobenzene	13.27	180	236994	47.054	ug/L	99
69) Naphthalene	13.51	128	792758	50.041	ug/L	100
70) 1,2,3-Trichlorobenzene	13.75	180	241900	49.416	ug/L	99

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

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