

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072120\
 Data File : VV017577.D
 Acq On : 21 Jul 2020 20:28
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05086

Quant Time: Jul 22 03:29:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM072120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 22 03:23:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	321444	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	308028	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	162751	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	93052	47.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.88%
7) Chloroethane-d5	1.58	69	64914	48.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.28%
11) 1,1-Dichloroethene-d2	2.12	63	191408	48.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.98%
21) 2-Butanone-d5	3.91	46	160757	107.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.14%
24) Chloroform-d	4.38	84	226413	50.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.50%
26) 1,2-Dichloroethane-d4	5.06	65	157209	50.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.86%
32) Benzene-d6	5.07	84	415659	50.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.08%
36) 1,2-Dichloropropane-d6	6.09	67	123729	50.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.22%
41) Toluene-d8	7.34	98	397930	51.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.50%
43) trans-1,3-Dichloropropene-	7.64	79	71427	49.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.94%
47) 2-Hexanone-d5	8.11	63	120857	106.77	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.77%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	179793	51.19	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.38%
64) 1,2-Dichlorobenzene-d4	11.65	152	175800	52.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.18%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	159714	48.034	ug/L	100
3) Chloromethane	1.25	50	121374	47.926	ug/L	98
5) Vinyl chloride	1.32	62	118198	48.857	ug/L	99
6) Bromomethane	1.53	94	71756	47.356	ug/L	98
8) Chloroethane	1.59	64	57773	46.574	ug/L	100
9) Trichlorofluoromethane	1.76	101	196384	48.990	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	93828	47.398	ug/L	98
12) 1,1-Dichloroethene	2.13	96	88531	48.258	ug/L	97
13) Acetone	2.19	43	111093	82.040	ug/L	98
14) Carbon disulfide	2.31	76	310246	46.662	ug/L	99
15) Methyl Acetate	2.45	43	119067	51.580	ug/L	100
16) Methylene chloride	2.52	84	120327	49.577	ug/L	99
17) trans-1,2-Dichloroethene	2.78	96	112154	48.848	ug/L	99
18) Methyl tert-butyl Ether	2.78	73	381134	49.666	ug/L	99
19) 1,1-Dichloroethane	3.21	63	205133	49.584	ug/L	97
20) cis-1,2-Dichloroethene	3.94	96	121277	49.191	ug/L	96
22) 2-Butanone	3.99	43	165862	98.617	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	66148	48.813	ug/L	97
25) Chloroform	4.40	83	224556	50.358	ug/L	99
27) 1,2-Dichloroethane	5.15	62	192048	50.733	ug/L	100
29) Cyclohexane	4.70	56	175382	47.109	ug/L	97
30) 1,1,1-Trichloroethane	4.64	97	210720	49.566	ug/L	99
31) Carbon tetrachloride	4.85	117	187628	48.868	ug/L	98
33) Benzene	5.13	78	449378	49.627	ug/L	100
34) Trichloroethene	5.94	95	123468	49.510	ug/L	98
35) Methylcyclohexane	6.15	83	182628	46.874	ug/L	99
37) 1,2-Dichloropropane	6.20	63	114324	49.363	ug/L	99
38) Bromodichloromethane	6.53	83	172408	50.525	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	197519	50.915	ug/L	100
40) 4-Methyl-2-pentanone	7.24	43	324994	101.464	ug/L	99
42) Toluene	7.41	91	494062	49.654	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	195977	50.627	ug/L	96
45) 1,1,2-Trichloroethane	7.86	97	117348	50.223	ug/L	98
46) Tetrachloroethene	8.00	164	104569	49.315	ug/L	98
48) 2-Hexanone	8.16	43	248996	97.607	ug/L	100
49) Dibromochloromethane	8.27	129	141414	49.637	ug/L	98
50) 1,2-Dibromoethane	8.37	107	126119	49.635	ug/L	99
51) Chlorobenzene	8.90	112	326743	49.482	ug/L	98
52) Ethylbenzene	9.03	91	563318	50.582	ug/L	100
53) m,p-Xylene	9.16	106	212695	49.847	ug/L	100
54) o-xylene	9.56	106	209208	50.477	ug/L	99
55) Styrene	9.58	104	364503	51.695	ug/L	99
56) Isopropylbenzene	9.95	105	566559	50.428	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	184571	50.075	ug/L	99
59) 1,2,3-Trichloropropane	10.29	75	154050	50.560	ug/L	100
61) Bromoform	9.75	173	109938	51.729	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	287750	52.657	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	307021	55.044	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	279509	50.452	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	47477	51.775	ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	210792	48.861	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	206586	53.990	ug/L	100
69) Naphthalene	13.52	128	575872	53.759	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	195027	50.956	ug/L	99

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

