

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082420\
 Data File : VV018078.D
 Acq On : 24 Aug 2020 10:11
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05061

Quant Time: Aug 24 12:09:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 22 00:05:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	279989	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	275316	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	151485	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	108268	50.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.36%
7) Chloroethane-d5	1.58	69	91909	52.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.18%
11) 1,1-Dichloroethene-d2	2.12	63	211359	51.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.44%
21) 2-Butanone-d5	3.91	46	130210	93.06	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.06%
24) Chloroform-d	4.37	84	196792	50.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.20%
26) 1,2-Dichloroethane-d4	5.05	65	126246	49.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.96%
32) Benzene-d6	5.07	84	388299	51.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.36%
36) 1,2-Dichloropropane-d6	6.09	67	123289	49.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.40%
41) Toluene-d8	7.33	98	358669	52.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.12%
43) trans-1,3-Dichloropropene-	7.64	79	61018	54.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.46%
47) 2-Hexanone-d5	8.11	63	75555	94.91	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.91%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	153954	47.66	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.32%
64) 1,2-Dichlorobenzene-d4	11.65	152	145412	48.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.54%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	100157	46.334	ug/L	99
3) Chloromethane	1.25	50	110492	44.003	ug/L	99
5) Vinyl chloride	1.32	62	119043	47.849	ug/L	98
6) Bromomethane	1.53	94	68021	45.746	ug/L	100
8) Chloroethane	1.60	64	76376	48.098	ug/L	99
9) Trichlorofluoromethane	1.76	101	176080	49.547	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	104045	52.434	ug/L	99
12) 1,1-Dichloroethene	2.13	96	93829	49.958	ug/L	96
13) Acetone	2.19	43	165286	114.370	ug/L	99
14) Carbon disulfide	2.31	76	254261	49.187	ug/L	100
15) Methyl Acetate	2.45	43	106979	45.870	ug/L	99
16) Methylene chloride	2.52	84	105858	44.241	ug/L	98
17) trans-1,2-Dichloroethene	2.78	96	94138	48.760	ug/L	99
18) Methyl tert-butyl Ether	2.78	73	312580	48.956	ug/L	99
19) 1,1-Dichloroethane	3.21	63	191433	49.313	ug/L	100
20) cis-1,2-Dichloroethene	3.93	96	104914	49.451	ug/L	100
22) 2-Butanone	3.99	43	170513	105.173	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	55856	50.397	ug/L	97
25) Chloroform	4.40	83	196918	49.733	ug/L	99
27) 1,2-Dichloroethane	5.15	62	149602	47.468	ug/L	98
29) Cyclohexane	4.70	56	165250	49.731	ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	169204	50.152	ug/L	98
31) Carbon tetrachloride	4.85	117	148130	52.741	ug/L	100
33) Benzene	5.12	78	411653	48.328	ug/L	100
34) Trichloroethene	5.93	95	108800	48.323	ug/L	97
35) Methylcyclohexane	6.15	83	169825	50.725	ug/L	99
37) 1,2-Dichloropropane	6.19	63	112558	48.455	ug/L	100
38) Bromodichloromethane	6.53	83	146249	50.687	ug/L	99
39) cis-1,3-Dichloropropene	7.04	75	171959	52.219	ug/L	98
40) 4-Methyl-2-pentanone	7.24	43	282954	93.180	ug/L	100
42) Toluene	7.41	91	440310	49.539	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	168294	53.864	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	103538	48.130	ug/L	99
46) Tetrachloroethene	7.99	164	86131	52.161	ug/L	98
48) 2-Hexanone	8.15	43	239069	97.631	ug/L	100
49) Dibromochloromethane	8.26	129	114098	54.339	ug/L	98
50) 1,2-Dibromoethane	8.37	107	107103	48.121	ug/L	97
51) Chlorobenzene	8.90	112	282971	49.501	ug/L	100
52) Ethylbenzene	9.03	91	489767	50.537	ug/L	100
53) m,p-Xylene	9.16	106	182780	51.279	ug/L	98
54) o-xylene	9.56	106	178033	50.542	ug/L	98
55) Styrene	9.58	104	316798	52.518	ug/L	100
56) Isopropylbenzene	9.95	105	484197	52.106	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	155080	46.295	ug/L	99
59) 1,2,3-Trichloropropane	10.29	75	131006	45.666	ug/L	100
61) Bromoform	9.75	173	82368	57.465	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	235457	48.879	ug/L	98
63) 1,4-Dichlorobenzene	11.29	146	242427	48.989	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	235197	47.436	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	33643	46.053	ug/L	99
67) 1,3,5-Trichlorobenzene	12.67	180	187228	51.164	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	171708	53.371	ug/L	100
69) Naphthalene	13.52	128	441106	49.744	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	172201	52.632	ug/L	99

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

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