

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081920\
 Data File : VV018056.D
 Acq On : 19 Aug 2020 09:55
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05075

Quant Time: Aug 20 04:30:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 20 01:57:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	272091	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	270999	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	150030	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	77415	37.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.58%
7) Chloroethane-d5	1.58	69	69985	41.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.42%
11) 1,1-Dichloroethene-d2	2.12	63	166389	41.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.80%
21) 2-Butanone-d5	3.90	46	120490	88.61	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.61%
24) Chloroform-d	4.37	84	167788	44.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	5.05	65	109137	44.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.92%
32) Benzene-d6	5.07	84	312278	41.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.62%
36) 1,2-Dichloropropane-d6	6.09	67	102490	41.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.94%
41) Toluene-d8	7.33	98	284192	42.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.62%
43) trans-1,3-Dichloropropene-	7.64	79	51212	46.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.48%
47) 2-Hexanone-d5	8.11	63	66742	85.18	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.18%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	139442	43.86	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.72%
64) 1,2-Dichlorobenzene-d4	11.65	152	125493	42.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	93285	44.408	ug/L	99
3) Chloromethane	1.25	50	107225	43.941	ug/L	98
5) Vinyl chloride	1.32	62	109594	45.330	ug/L	99
6) Bromomethane	1.53	94	63242	43.767	ug/L	97
8) Chloroethane	1.60	64	70950	45.978	ug/L	100
9) Trichlorofluoromethane	1.76	101	159587	46.209	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	93554	48.516	ug/L	98
12) 1,1-Dichloroethene	2.13	96	86651	47.476	ug/L	90
13) Acetone	2.19	43	125454	89.328	ug/L	100
14) Carbon disulfide	2.31	76	236905	47.160	ug/L	100
15) Methyl Acetate	2.44	43	98736	43.564	ug/L	100
16) Methylene chloride	2.52	84	101422	43.618	ug/L	99
17) trans-1,2-Dichloroethene	2.78	96	89446	47.675	ug/L	99
18) Methyl tert-butyl Ether	2.78	73	294014	47.385	ug/L	99
19) 1,1-Dichloroethane	3.21	63	179705	47.635	ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	98602	47.825	ug/L	99
22) 2-Butanone	3.99	43	148386	94.181	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	52040	48.317	ug/L	98
25) Chloroform	4.40	83	185458	48.198	ug/L	100
27) 1,2-Dichloroethane	5.15	62	145925	47.646	ug/L	98
29) Cyclohexane	4.70	56	150005	45.862	ug/L	100
30) 1,1,1-Trichloroethane	4.63	97	157093	47.304	ug/L	99
31) Carbon tetrachloride	4.85	117	132914	48.077	ug/L	99
33) Benzene	5.12	78	387619	46.232	ug/L	100
34) Trichloroethene	5.94	95	103709	46.796	ug/L	99
35) Methylcyclohexane	6.15	83	153947	46.715	ug/L	99
37) 1,2-Dichloropropane	6.20	63	105845	46.291	ug/L	100
38) Bromodichloromethane	6.53	83	136192	47.954	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	157407	48.562	ug/L	98
40) 4-Methyl-2-pentanone	7.24	43	264690	88.554	ug/L	99
42) Toluene	7.41	91	419509	47.950	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	153973	50.065	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	99100	46.801	ug/L	98
46) Tetrachloroethene	8.00	164	78963	48.582	ug/L	99
48) 2-Hexanone	8.16	43	212346	88.099	ug/L	100
49) Dibromochloromethane	8.27	129	104384	50.505	ug/L	98
50) 1,2-Dibromoethane	8.37	107	102183	46.642	ug/L	98
51) Chlorobenzene	8.90	112	268005	47.630	ug/L	98
52) Ethylbenzene	9.03	91	457299	47.938	ug/L	100
53) m,p-Xylene	9.16	106	171489	48.877	ug/L	98
54) o-xylene	9.56	106	165287	47.671	ug/L	98
55) Styrene	9.58	104	301692	50.810	ug/L	100
56) Isopropylbenzene	9.95	105	445839	48.742	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	146294	44.367	ug/L	99
59) 1,2,3-Trichloropropane	10.29	75	125732	44.525	ug/L	100
61) Bromoform	9.75	173	71604	50.440	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	224626	47.083	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	229585	46.844	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	226030	46.030	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	30950	42.778	ug/L	97
67) 1,3,5-Trichlorobenzene	12.67	180	176577	48.722	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	158937	49.881	ug/L	99
69) Naphthalene	13.52	128	416208	47.391	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	160786	49.620	ug/L	100

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

