

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082020\
 Data File : VV018065.D
 Acq On : 20 Aug 2020 11:02
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 21 02:32:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 20 14:27:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	266916	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	266342	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	147955	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	70256	34.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.00%
7) Chloroethane-d5	1.58	69	63988	38.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.80%
11) 1,1-Dichloroethene-d2	2.12	63	156132	40.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.16%
21) 2-Butanone-d5	3.90	46	125136	93.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.81%
24) Chloroform-d	4.37	84	162636	43.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.74%
26) 1,2-Dichloroethane-d4	5.05	65	103690	43.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.12%
32) Benzene-d6	5.07	84	287317	39.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.28%
36) 1,2-Dichloropropane-d6	6.09	67	100267	41.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.56%
41) Toluene-d8	7.33	98	263061	39.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.70%#
43) trans-1,3-Dichloropropene-	7.64	79	47356	43.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.02%
47) 2-Hexanone-d5	8.10	63	69169	89.82	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.82%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	144918	46.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.76%
64) 1,2-Dichlorobenzene-d4	11.65	152	126417	43.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.82%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	98451	47.776	ug/L 100
3) Chloromethane	1.25	50	109668	45.814	ug/L 100
5) Vinyl chloride	1.32	62	113641	47.915	ug/L 98
6) Bromomethane	1.53	94	65594	46.274	ug/L 99
8) Chloroethane	1.60	64	75121	49.625	ug/L 98
9) Trichlorofluoromethane	1.76	101	167254	49.368	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	97330	51.452	ug/L 98
12) 1,1-Dichloroethene	2.13	96	90385	50.482	ug/L 88
13) Acetone	2.19	43	125841	91.341	ug/L 99
14) Carbon disulfide	2.31	76	243698	49.453	ug/L 99
15) Methyl Acetate	2.44	43	103393	46.503	ug/L 100
16) Methylene chloride	2.52	84	106241	46.576	ug/L 99
17) trans-1,2-Dichloroethene	2.78	96	92244	50.119	ug/L 99
18) Methyl tert-butyl Ether	2.78	73	302592	49.713	ug/L 100
19) 1,1-Dichloroethane	3.21	63	185160	50.033	ug/L 100
20) cis-1,2-Dichloroethene	3.93	96	102618	50.737	ug/L 99
22) 2-Butanone	3.99	43	146911	95.053	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	54596	51.673	ug/L	99
25) Chloroform	4.40	83	192240	50.929	ug/L	99
27) 1,2-Dichloroethane	5.15	62	151367	50.381	ug/L	98
29) Cyclohexane	4.70	56	154699	48.125	ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	163571	50.116	ug/L	98
31) Carbon tetrachloride	4.85	117	138966	51.145	ug/L	100
33) Benzene	5.12	78	404429	49.080	ug/L	100
34) Trichloroethene	5.93	95	108069	49.616	ug/L	99
35) Methylcyclohexane	6.15	83	158470	48.929	ug/L	100
37) 1,2-Dichloropropane	6.19	63	110444	49.147	ug/L	100
38) Bromodichloromethane	6.53	83	141964	50.860	ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	162975	51.159	ug/L	100
40) 4-Methyl-2-pentanone	7.24	43	270754	92.167	ug/L	100
42) Toluene	7.41	91	433089	50.368	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	158641	52.485	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	102732	49.365	ug/L	99
46) Tetrachloroethene	7.99	164	83733	52.418	ug/L	97
48) 2-Hexanone	8.15	43	213399	90.084	ug/L	99
49) Dibromochloromethane	8.26	129	109311	53.813	ug/L	99
50) 1,2-Dibromoethane	8.37	107	105129	48.826	ug/L	100
51) Chlorobenzene	8.90	112	280750	50.768	ug/L	98
52) Ethylbenzene	9.03	91	478745	51.064	ug/L	100
53) m,p-Xylene	9.16	106	181799	52.722	ug/L	97
54) o-xylene	9.56	106	173955	51.048	ug/L	97
55) Styrene	9.58	104	312032	53.470	ug/L	99
56) Isopropylbenzene	9.95	105	467818	52.039	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	151668	46.802	ug/L	99
59) 1,2,3-Trichloropropane	10.29	75	131357	47.331	ug/L	99
61) Bromoform	9.75	173	74521	53.231	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	234723	49.889	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	242542	50.182	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	236205	48.776	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	31847	44.635	ug/L	99
67) 1,3,5-Trichlorobenzene	12.67	180	185984	52.037	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	168667	53.677	ug/L	99
69) Naphthalene	13.52	128	426396	49.232	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	167630	52.457	ug/L	99

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

