

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070920\
 Data File : VV017393.D
 Acq On : 09 Jul 2020 11:31
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05077

Quant Time: Jul 10 03:56:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 09 02:01:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	276549	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	266554	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	147570	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	65767	45.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.36%
7) Chloroethane-d5	1.58	69	48692	48.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.30%
11) 1,1-Dichloroethene-d2	2.12	63	155469	47.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.38%
21) 2-Butanone-d5	3.90	46	97569	99.22	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.22%
24) Chloroform-d	4.37	84	163651	49.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.28%
26) 1,2-Dichloroethane-d4	5.05	65	112759	49.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.66%
32) Benzene-d6	5.07	84	278195	48.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.62%
36) 1,2-Dichloropropane-d6	6.09	67	79601	48.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.02%
41) Toluene-d8	7.33	98	270546	48.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.74%
43) trans-1,3-Dichloropropene-	7.64	79	49306	51.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.18%
47) 2-Hexanone-d5	8.11	63	72423	106.43	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.43%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	114672	49.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.50%
64) 1,2-Dichlorobenzene-d4	11.65	152	119870	48.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.16%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	148041	49.849	ug/L 99
3) Chloromethane	1.25	50	100216	47.931	ug/L 99
5) Vinyl chloride	1.32	62	103072	48.774	ug/L 99
6) Bromomethane	1.53	94	52943	49.356	ug/L 97
8) Chloroethane	1.59	64	53143	48.466	ug/L 98
9) Trichlorofluoromethane	1.76	101	197485	49.917	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	91143	49.629	ug/L 99
12) 1,1-Dichloroethene	2.13	96	79141	47.645	ug/L 91
13) Acetone	2.18	43	150231	112.231	ug/L 99
14) Carbon disulfide	2.31	76	241050	47.680	ug/L 99
15) Methyl Acetate	2.44	43	87395	49.187	ug/L 99
16) Methylene chloride	2.52	84	91097	47.106	ug/L 98
17) trans-1,2-Dichloroethene	2.78	96	88833	49.179	ug/L 97
18) Methyl tert-butyl Ether	2.78	73	303917	50.432	ug/L 98
19) 1,1-Dichloroethane	3.21	63	162597	48.954	ug/L 98
20) cis-1,2-Dichloroethene	3.93	96	94390	48.770	ug/L 96
22) 2-Butanone	3.98	43	146672	112.095	ug/L 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	52556	48.803	ug/L	96
25) Chloroform	4.40	83	184786	49.566	ug/L	99
27) 1,2-Dichloroethane	5.15	62	161373	49.245	ug/L	100
29) Cyclohexane	4.70	56	136875	49.241	ug/L	100
30) 1,1,1-Trichloroethane	4.63	97	187781	51.229	ug/L	99
31) Carbon tetrachloride	4.85	117	169678	50.574	ug/L	100
33) Benzene	5.12	78	353687	50.196	ug/L	100
34) Trichloroethene	5.94	95	99964	47.786	ug/L	98
35) Methylcyclohexane	6.15	83	152779	49.873	ug/L	99
37) 1,2-Dichloropropane	6.20	63	85226	49.454	ug/L	99
38) Bromodichloromethane	6.53	83	141171	50.307	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	152250	51.840	ug/L	99
40) 4-Methyl-2-pentanone	7.24	43	244320	102.527	ug/L	98
42) Toluene	7.41	91	396352	50.327	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	158905	52.312	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	91527	48.949	ug/L	96
46) Tetrachloroethene	8.00	164	87464	49.794	ug/L	97
48) 2-Hexanone	8.16	43	201944	104.684	ug/L	98
49) Dibromochloromethane	8.27	129	117023	50.168	ug/L	98
50) 1,2-Dibromoethane	8.37	107	98141	49.037	ug/L	94
51) Chlorobenzene	8.90	112	262625	49.211	ug/L	99
52) Ethylbenzene	9.03	91	448617	49.802	ug/L	100
53) m,p-Xylene	9.16	106	172619	51.185	ug/L	99
54) o-xylene	9.56	106	167015	51.558	ug/L	99
55) Styrene	9.58	104	288127	51.206	ug/L	97
56) Isopropylbenzene	9.95	105	466557	51.770	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	132596	48.289	ug/L	99
59) 1,2,3-Trichloropropane	10.29	75	117403	49.162	ug/L	98
61) Bromoform	9.75	173	89316	50.318	ug/L	97
62) 1,3-Dichlorobenzene	11.20	146	225889	49.056	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	228291	48.848	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	223437	48.676	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	36650	49.067	ug/L	95
67) 1,3,5-Trichlorobenzene	12.67	180	177131	51.066	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	159877	52.562	ug/L	99
69) Naphthalene	13.52	128	453060	53.337	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	162605	52.555	ug/L	99

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

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