

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061020\
 Data File : VU038728.D
 Acq On : 09 Jun 2020 16:54
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05046

Quant Time: Jun 10 05:06:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 10 00:33:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	619961	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	603607	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	304039	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	151127	43.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.26%
7) Chloroethane-d5	1.93	69	129492	48.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.38%
11) 1,1-Dichloroethene-d2	2.59	63	351657	46.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.16%
21) 2-Butanone-d5	4.66	46	328520	97.49	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.49%
24) Chloroform-d	5.10	84	353574	47.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.70%
26) 1,2-Dichloroethane-d4	5.74	65	226817	45.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.64%
32) Benzene-d6	5.76	84	699958	48.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.28%
36) 1,2-Dichloropropane-d6	6.72	67	217709	48.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.16%
41) Toluene-d8	7.92	98	634107	48.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.52%
43) trans-1,3-Dichloropropene-	8.20	79	107749	47.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.52%
47) 2-Hexanone-d5	8.65	63	228303	95.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.72%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	316332	47.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.66%
64) 1,2-Dichlorobenzene-d4	12.21	152	253275	47.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.96%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.39	85	244440	49.791	ug/L	100
3) Chloromethane	1.53	50	212491	44.868	ug/L	99
5) Vinyl chloride	1.62	62	233109	46.998	ug/L	99
6) Bromomethane	1.87	94	125017	48.396	ug/L	100
8) Chloroethane	1.95	64	142173	48.998	ug/L	98
9) Trichlorofluoromethane	2.16	101	339386	49.686	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	201626	50.641	ug/L	99
12) 1,1-Dichloroethene	2.61	96	192074	48.947	ug/L	96
13) Acetone	2.65	43	260878	96.072	ug/L	97
14) Carbon disulfide	2.82	76	623630	49.078	ug/L	99
15) Methyl Acetate	2.98	43	272596	48.038	ug/L	100
16) Methylene chloride	3.08	84	218255	46.845	ug/L	99
17) trans-1,2-Dichloroethene	3.39	96	206376	48.060	ug/L	98
18) Methyl tert-butyl Ether	3.40	73	671401	48.357	ug/L	99
19) 1,1-Dichloroethane	3.91	63	385700	47.402	ug/L	97
20) cis-1,2-Dichloroethene	4.71	96	226425	47.700	ug/L	100
22) 2-Butanone	4.74	43	406237	97.552	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.01	128	113289	48.185	ug/L	96
25) Chloroform	5.12	83	390128	47.908	ug/L	98
27) 1,2-Dichloroethane	5.83	62	325502	48.318	ug/L	99
29) Cyclohexane	5.42	56	355681	51.505	ug/L	99
30) 1,1,1-Trichloroethane	5.35	97	344475	48.570	ug/L	100
31) Carbon tetrachloride	5.56	117	291685	49.680	ug/L	99
33) Benzene	5.81	78	881874	49.200	ug/L	100
34) Trichloroethene	6.57	95	227167	49.831	ug/L	99
35) Methylcyclohexane	6.79	83	362047	52.660	ug/L	98
37) 1,2-Dichloropropane	6.82	63	222806	47.701	ug/L	99
38) Bromodichloromethane	7.13	83	293812	49.068	ug/L	97
39) cis-1,3-Dichloropropene	7.63	75	360460	50.040	ug/L	100
40) 4-Methyl-2-pentanone	7.82	43	703219	96.303	ug/L	100
42) Toluene	7.99	91	948090	50.587	ug/L	100
44) trans-1,3-Dichloropropene	8.23	75	344587	49.941	ug/L	100
45) 1,1,2-Trichloroethane	8.42	97	215243	47.878	ug/L	97
46) Tetrachloroethene	8.57	164	166969	50.768	ug/L	98
48) 2-Hexanone	8.71	43	578826	95.892	ug/L	100
49) Dibromochloromethane	8.83	129	227378	49.247	ug/L	97
50) 1,2-Dibromoethane	8.94	107	235215	48.677	ug/L	97
51) Chlorobenzene	9.47	112	594867	49.406	ug/L	99
52) Ethylbenzene	9.59	91	1057311	51.117	ug/L	99
53) m,p-Xylene	9.71	106	408203	51.411	ug/L	100
54) o-xylene	10.12	106	390232	50.627	ug/L	99
55) Styrene	10.13	104	683607	51.159	ug/L	98
56) Isopropylbenzene	10.50	105	1034154	51.406	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	356956	46.654	ug/L	99
59) 1,2,3-Trichloropropane	10.84	75	312891	47.775	ug/L	99
61) Bromoform	10.31	173	163442	49.012	ug/L	98
62) 1,3-Dichlorobenzene	11.76	146	470555	50.145	ug/L	100
63) 1,4-Dichlorobenzene	11.85	146	473312	49.811	ug/L	98
65) 1,2-Dichlorobenzene	12.22	146	464701	49.756	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	93050	48.076	ug/L	100
67) 1,3,5-Trichlorobenzene	13.24	180	345529	51.258	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	321241	50.550	ug/L	99
69) Naphthalene	14.12	128	1183240	52.668	ug/L	100
70) 1,2,3-Trichlorobenzene	14.37	180	328878	51.583	ug/L	99

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

