

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU112919\
 Data File : VU035909.D
 Acq On : 29 Nov 2019 08:55
 Operator : JC/SP
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00515

Quant Time: Nov 30 03:19:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 29 14:01:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	238275	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	263378	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	141229	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	144618	4.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.00%
7) Chloroethane-d5	1.93	69	134710	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.00%
11) 1,1-Dichloroethene-d2	2.59	63	243377	4.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.20%
20) 2-Butanone-d5	4.68	46	339444	47.12	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.24%
24) Chloroform-d	5.11	84	265783	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
26) 1,2-Dichloroethane-d4	5.75	65	138837	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	5.77	84	491280	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.73	67	165256	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.93	98	445621	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
43) trans-1,3-Dichloropropene-	8.21	79	61499	4.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.20%
46) 2-Hexanone-d5	8.67	63	281021	53.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.14%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	139183	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	143796	4.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	149517	4.631	ug/L 99
3) Chloromethane	1.54	50	174881	4.399	ug/L 98
5) Vinyl chloride	1.62	62	184625	4.640	ug/L 97
6) Bromomethane	1.87	94	103821	5.077	ug/L 99
8) Chloroethane	1.95	64	114930	4.992	ug/L 97
9) Trichlorofluoromethane	2.16	101	233434	5.052	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	130713	4.981	ug/L 93
12) 1,1-Dichloroethene	2.61	96	113472	4.577	ug/L 89
13) Acetone	2.66	43	318625	50.363	ug/L 94
14) Carbon disulfide	2.82	76	345545	4.196	ug/L 100
15) Methyl Acetate	2.99	43	56418	4.448	ug/L 98
16) Methylene chloride	3.08	84	151377	5.054	ug/L 98
17) Methyl tert-butyl Ether	3.41	73	271821	4.531	ug/L 100
18) trans-1,2-Dichloroethene	3.39	96	116976	4.792	ug/L 97
19) 1,1-Dichloroethane	3.92	63	263349	4.801	ug/L 99
21) 2-Butanone	4.76	43	404922	50.580	ug/L 97
22) cis-1,2-Dichloroethene	4.71	96	127555	4.689	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	61575	5.195	ug/L	98
25) Chloroform	5.13	83	261433	4.898	ug/L	96
27) 1,2-Dichloroethane	5.84	62	165776	4.722	ug/L	98
29) 1,1,1-Trichloroethane	5.36	97	212461	4.996	ug/L	98
30) Cyclohexane	5.43	56	188767	4.542	ug/L	98
31) Carbon tetrachloride	5.57	117	186424	5.062	ug/L	98
33) Benzene	5.82	78	553723	5.037	ug/L	100
34) Trichloroethene	6.58	95	136211	5.053	ug/L	97
35) Methylcyclohexane	6.80	83	174790	4.419	ug/L	100
37) 1,2-Dichloropropane	6.83	63	155098	4.974	ug/L	99
38) Bromodichloromethane	7.14	83	182410	4.881	ug/L	98
39) cis-1,3-Dichloropropene	7.64	75	188568	4.672	ug/L	98
40) 4-Methyl-2-pentanone	7.84	43	916056	47.853	ug/L	99
42) Toluene	8.00	91	580612	5.077	ug/L	100
44) trans-1,3-Dichloropropene	8.24	75	164068	4.902	ug/L	100
45) 1,1,2-Trichloroethane	8.43	97	106291	5.231	ug/L	96
47) Tetrachloroethene	8.58	164	103592	5.050	ug/L	97
48) 2-Hexanone	8.72	43	661442	46.932	ug/L	95
49) Dibromochloromethane	8.84	129	123794	5.165	ug/L	98
50) 1,2-Dibromoethane	8.96	107	94713	5.094	ug/L	90
51) Chlorobenzene	9.47	112	336926	4.756	ug/L	99
52) Ethylbenzene	9.60	91	545372	4.612	ug/L	98
53) m,p-Xylene	9.72	106	206383	4.950	ug/L	97
54) o-Xylene	10.13	106	197329	4.873	ug/L	99
55) Styrene	10.14	104	338151	5.035	ug/L	98
56) Isopropylbenzene	10.51	105	518925	4.851	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.81	83	138706	4.933	ug/L	99
59) 1,2,3-Trichloropropane	10.85	75	98981	4.883	ug/L	99
61) Bromoform	10.32	173	68814	4.850	ug/L	97
62) 1,3-Dichlorobenzene	11.77	146	249631	4.925	ug/L	99
63) 1,4-Dichlorobenzene	11.86	146	237410	4.757	ug/L	98
65) 1,2-Dichlorobenzene	12.24	146	240301	4.969	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	16566	4.140	ug/L	84
67) 1,3,5-Trichlorobenzene	13.24	180	149835	4.919	ug/L	98
68) 1,2,4-trichlorobenzene	13.86	180	71132	4.063	ug/L	99
69) Naphthalene	14.11	128	64612	2.621	ug/L	100
70) 1,2,3-Trichlorobenzene	14.35	180	68256	4.009	ug/L	99

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

