

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112219\
 Data File : VU035814.D
 Acq On : 22 Nov 2019 09:14
 Operator : JC/SP
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00529

Quant Time: Nov 23 00:12:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 22 01:33:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	212788	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	240259	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	134417	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	146981	5.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.80%
7) Chloroethane-d5	1.93	69	133879	5.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.20%
11) 1,1-Dichloroethene-d2	2.59	63	285189	5.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	110.40%
20) 2-Butanone-d5	4.70	46	371052	57.68	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.36%
24) Chloroform-d	5.11	84	267689	5.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.80%
26) 1,2-Dichloroethane-d4	5.75	65	149276	5.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.00%
32) Benzene-d6	5.77	84	504789	5.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.20%
36) 1,2-Dichloropropane-d6	6.73	67	173317	5.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.20%
41) Toluene-d8	7.93	98	475116	5.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.40%
43) trans-1,3-Dichloropropene-	8.21	79	65824	5.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	109.40%
46) 2-Hexanone-d5	8.68	63	272103	56.33	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.66%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	144641	5.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	149609	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.40	85	166623	5.779 ug/L	98
3) Chloromethane	1.54	50	197272	5.557 ug/L	98
5) Vinyl chloride	1.62	62	204746	5.762 ug/L	93
6) Bromomethane	1.87	94	87734	4.804 ug/L	98
8) Chloroethane	1.95	64	121797	5.924 ug/L	100
9) Trichlorofluoromethane	2.16	101	242298	5.872 ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	136599	5.828 ug/L	98
12) 1,1-Dichloroethene	2.61	96	125940	5.688 ug/L	95
13) Acetone	2.67	43	313605	55.507 ug/L	98
14) Carbon disulfide	2.82	76	422921	5.751 ug/L	100
15) Methyl Acetate	3.00	43	65709	5.801 ug/L	99
16) Methylene chloride	3.08	84	154898	5.791 ug/L	98
17) Methyl tert-butyl Ether	3.42	73	294820	5.503 ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	126933	5.822 ug/L	96
19) 1,1-Dichloroethane	3.92	63	283540	5.789 ug/L	99
21) 2-Butanone	4.78	43	417890	58.452 ug/L	98
22) cis-1,2-Dichloroethene	4.72	96	134156	5.522 ug/L	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	63366	5.987	ug/L	99
25) Chloroform	5.14	83	284846	5.976	ug/L	98
27) 1,2-Dichloroethane	5.84	62	183739	5.861	ug/L	99
29) 1,1,1-Trichloroethane	5.36	97	223810	5.769	ug/L	99
30) Cyclohexane	5.43	56	198640	5.239	ug/L	99
31) Carbon tetrachloride	5.57	117	195252	5.812	ug/L	98
33) Benzene	5.82	78	584195	5.825	ug/L	100
34) Trichloroethene	6.58	95	138751	5.643	ug/L	97
35) Methylcyclohexane	6.80	83	189868	5.262	ug/L	98
37) 1,2-Dichloropropane	6.83	63	164859	5.796	ug/L	99
38) Bromodichloromethane	7.14	83	194543	5.706	ug/L	99
39) cis-1,3-Dichloropropene	7.64	75	199836	5.427	ug/L	100
40) 4-Methyl-2-pentanone	7.84	43	982975	56.290	ug/L	98
42) Toluene	8.00	91	621372	5.956	ug/L	99
44) trans-1,3-Dichloropropene	8.25	75	177200	5.804	ug/L	98
45) 1,1,2-Trichloroethane	8.44	97	105291	5.681	ug/L	98
47) Tetrachloroethene	8.58	164	105075	5.616	ug/L	98
48) 2-Hexanone	8.73	43	710458	55.260	ug/L	98
49) Dibromochloromethane	8.84	129	128132	5.860	ug/L	97
50) 1,2-Dibromoethane	8.96	107	97899	5.772	ug/L	96
51) Chlorobenzene	9.48	112	354435	5.485	ug/L	97
52) Ethylbenzene	9.60	91	576905	5.348	ug/L	98
53) m,p-Xylene	9.72	106	212000	5.574	ug/L	100
54) o-Xylene	10.13	106	203683	5.514	ug/L	94
55) Styrene	10.14	104	360108	5.878	ug/L	98
56) Isopropylbenzene	10.51	105	542224	5.557	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.81	83	145111	5.658	ug/L	99
59) 1,2,3-Trichloropropane	10.85	75	105342	5.697	ug/L	99
61) Bromoform	10.32	173	68952	5.106	ug/L	97
62) 1,3-Dichlorobenzene	11.77	146	261321	5.417	ug/L	99
63) 1,4-Dichlorobenzene	11.86	146	251231	5.289	ug/L	99
65) 1,2-Dichlorobenzene	12.24	146	246099	5.347	ug/L	97
66) 1,2-Dibromo-3-chloropropan	13.02	75	18846	4.948	ug/L	95
67) 1,3,5-Trichlorobenzene	13.24	180	157099	5.419	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	78396	4.705	ug/L	99
69) Naphthalene	14.11	128	84982	3.622	ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	77631	4.791	ug/L	96

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

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