

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121919\
 Data File : VU036279.D
 Acq On : 19 Dec 2019 09:20
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00521

Quant Time: Dec 20 03:12:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Dec 19 14:35:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	271791	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	286263	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	152609	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	132729	5.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.00%
7) Chloroethane-d5	1.93	69	113451	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.80%
11) 1,1-Dichloroethene-d2	2.59	63	180667	5.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	104.60%
20) 2-Butanone-d5	4.69	46	223943	49.94	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.88%
24) Chloroform-d	5.11	84	190081	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.75	65	96521	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	5.77	84	356533	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.73	67	108585	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.93	98	343577	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
43) trans-1,3-Dichloropropene-	8.21	79	47652	5.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.20%
46) 2-Hexanone-d5	8.67	63	194995	54.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.34%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	103047	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	128594	4.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	145572	4.799 ug/L	98
3) Chloromethane	1.54	50	152960	4.019 ug/L	98
5) Vinyl chloride	1.62	62	169819	4.702 ug/L	98
6) Bromomethane	1.87	94	105502	5.846 ug/L	100
8) Chloroethane	1.95	64	102910	4.772 ug/L	100
9) Trichlorofluoromethane	2.16	101	223905	4.920 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	109058	5.001 ug/L	98
12) 1,1-Dichloroethene	2.61	96	100956	5.007 ug/L	92
13) Acetone	2.68	43	177734	45.482 ug/L	99
14) Carbon disulfide	2.82	76	316531	4.679 ug/L	100
15) Methyl Acetate	2.99	43	42128	5.336 ug/L	99
16) Methylene chloride	3.08	84	122270	4.125 ug/L	99
17) Methyl tert-butyl Ether	3.41	73	215640	4.990 ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	104725	4.959 ug/L	97
19) 1,1-Dichloroethane	3.92	63	191763	4.919 ug/L	100
21) 2-Butanone	4.77	43	273761	52.426 ug/L	98
22) cis-1,2-Dichloroethene	4.71	96	107638	4.752 ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	55233	5.039	ug/L	96
25) Chloroform	5.13	83	204597	4.851	ug/L	98
27) 1,2-Dichloroethane	5.84	62	127998	5.117	ug/L	98
29) 1,1,1-Trichloroethane	5.36	97	177901	5.048	ug/L	99
30) Cyclohexane	5.43	56	140139	4.674	ug/L	98
31) Carbon tetrachloride	5.57	117	164451	5.118	ug/L	100
33) Benzene	5.81	78	435559	4.951	ug/L	100
34) Trichloroethene	6.58	95	108805	4.797	ug/L	98
35) Methylcyclohexane	6.80	83	155490	4.822	ug/L	97
37) 1,2-Dichloropropane	6.83	63	111623	4.973	ug/L	98
38) Bromodichloromethane	7.14	83	145054	4.966	ug/L	100
39) cis-1,3-Dichloropropene	7.64	75	154445	5.051	ug/L	98
40) 4-Methyl-2-pentanone	7.84	43	640899	54.590	ug/L	99
42) Toluene	8.00	91	483650	5.129	ug/L	98
44) trans-1,3-Dichloropropene	8.24	75	133568	5.200	ug/L	98
45) 1,1,2-Trichloroethane	8.43	97	87436	5.199	ug/L	96
47) Tetrachloroethene	8.58	164	100112	4.887	ug/L	95
48) 2-Hexanone	8.72	43	498079	56.848	ug/L	99
49) Dibromochloromethane	8.84	129	110391	5.311	ug/L	99
50) 1,2-Dibromoethane	8.95	107	82564	5.147	ug/L	99
51) Chlorobenzene	9.47	112	300735	4.829	ug/L	98
52) Ethylbenzene	9.60	91	462860	4.887	ug/L	99
53) m,p-Xylene	9.72	106	182484	5.001	ug/L	100
54) o-Xylene	10.13	106	171709	4.879	ug/L	95
55) Styrene	10.14	104	309899	4.975	ug/L	98
56) Isopropylbenzene	10.51	105	453103	5.013	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.81	83	112079	5.234	ug/L	98
59) 1,2,3-Trichloropropane	10.85	75	83524	5.599	ug/L	96
61) Bromoform	10.32	173	67764	5.115	ug/L	99
62) 1,3-Dichlorobenzene	11.77	146	251589	4.887	ug/L	99
63) 1,4-Dichlorobenzene	11.86	146	254262	4.979	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	241004	4.913	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.01	75	16366	5.023	ug/L	95
67) 1,3,5-Trichlorobenzene	13.24	180	188380	4.883	ug/L	98
68) 1,2,4-trichlorobenzene	13.86	180	123004	4.853	ug/L	100
69) Naphthalene	14.10	128	145453	4.511	ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	118392	4.830	ug/L	99

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

