

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122019\
 Data File : VU036321.D
 Acq On : 20 Dec 2019 16:40
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00525

Quant Time: Dec 20 22:24:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 20 22:20:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	242118	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	259072	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	143350	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	111343	5.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.40%
7) Chloroethane-d5	1.93	69	97592	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.20%
11) 1,1-Dichloroethene-d2	2.60	63	157152	5.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.20%
20) 2-Butanone-d5	4.68	46	195371	48.91	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.82%
24) Chloroform-d	5.11	84	170282	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
26) 1,2-Dichloroethane-d4	5.74	65	87418	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.77	84	315877	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.73	67	97583	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	7.93	98	299134	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
43) trans-1,3-Dichloropropene-	8.21	79	41175	4.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.60%
46) 2-Hexanone-d5	8.67	63	163927	50.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.56%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	92137	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	120823	4.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	132489	4.903 ug/L	99
3) Chloromethane	1.54	50	142031	4.189 ug/L	98
5) Vinyl chloride	1.62	62	149289	4.640 ug/L	97
6) Bromomethane	1.87	94	85593	5.324 ug/L	96
8) Chloroethane	1.95	64	89231	4.645 ug/L	98
9) Trichlorofluoromethane	2.16	101	208478	5.142 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	97938	5.042 ug/L	100
12) 1,1-Dichloroethene	2.61	96	88595	4.933 ug/L	93
13) Acetone	2.66	43	155512	44.673 ug/L	98
14) Carbon disulfide	2.82	76	285300	4.734 ug/L	100
15) Methyl Acetate	2.99	43	39072	5.555 ug/L	97
16) Methylene chloride	3.08	84	105519	3.996 ug/L	92
17) Methyl tert-butyl Ether	3.41	73	195532	5.080 ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	93953	4.994 ug/L	95
19) 1,1-Dichloroethane	3.92	63	177669	5.116 ug/L	98
21) 2-Butanone	4.76	43	235353	50.594 ug/L	100
22) cis-1,2-Dichloroethene	4.72	96	101553	5.033 ug/L	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	49915	5.112	ug/L	96
25) Chloroform	5.13	83	191806	5.105	ug/L	98
27) 1,2-Dichloroethane	5.84	62	119545	5.365	ug/L	97
29) 1,1,1-Trichloroethane	5.36	97	163206	5.117	ug/L	100
30) Cyclohexane	5.43	56	126208	4.651	ug/L	99
31) Carbon tetrachloride	5.56	117	147103	5.058	ug/L	99
33) Benzene	5.82	78	403941	5.073	ug/L	100
34) Trichloroethene	6.58	95	101556	4.947	ug/L	97
35) Methylcyclohexane	6.80	83	134670	4.614	ug/L	96
37) 1,2-Dichloropropane	6.83	63	99672	4.907	ug/L	98
38) Bromodichloromethane	7.14	83	137098	5.186	ug/L	100
39) cis-1,3-Dichloropropene	7.64	75	135177	4.884	ug/L	99
40) 4-Methyl-2-pentanone	7.83	43	567522	53.414	ug/L	99
42) Toluene	8.00	91	439701	5.152	ug/L	99
44) trans-1,3-Dichloropropene	8.24	75	122242	5.258	ug/L	99
45) 1,1,2-Trichloroethane	8.43	97	78954	5.187	ug/L	93
47) Tetrachloroethene	8.58	164	91821	4.953	ug/L	97
48) 2-Hexanone	8.72	43	435350	54.904	ug/L	99
49) Dibromochloromethane	8.84	129	98654	5.244	ug/L	97
50) 1,2-Dibromoethane	8.95	107	75623	5.209	ug/L	95
51) Chlorobenzene	9.47	112	276560	4.907	ug/L	100
52) Ethylbenzene	9.60	91	423099	4.936	ug/L	99
53) m,p-Xylene	9.72	106	170549	5.164	ug/L	99
54) o-Xylene	10.13	106	162135	5.090	ug/L	94
55) Styrene	10.14	104	280496	4.976	ug/L	100
56) Isopropylbenzene	10.51	105	412193	5.039	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.81	83	102075	5.267	ug/L	98
59) 1,2,3-Trichloropropane	10.85	75	72792	5.392	ug/L	97
61) Bromoform	10.32	173	59837	4.808	ug/L	98
62) 1,3-Dichlorobenzene	11.77	146	235937	4.879	ug/L	98
63) 1,4-Dichlorobenzene	11.86	146	232471	4.846	ug/L	98
65) 1,2-Dichlorobenzene	12.23	146	222830	4.836	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.02	75	15356	5.018	ug/L	92
67) 1,3,5-Trichlorobenzene	13.24	180	173656	4.792	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	122286	5.137	ug/L	100
69) Naphthalene	14.10	128	158808	5.243	ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	119147	5.175	ug/L	97

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

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