

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111919\
 Data File : VU035760.D
 Acq On : 19 Nov 2019 09:19
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00525

Quant Time: Nov 20 00:36:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 19 13:54:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	239777	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	271709	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	155591	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	104935	4.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.00%
7) Chloroethane-d5	1.93	69	96065	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.20%
11) 1,1-Dichloroethene-d2	2.59	63	193655	4.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.20%
20) 2-Butanone-d5	4.70	46	276612	50.76	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.52%
24) Chloroform-d	5.11	84	196471	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	5.75	65	97768	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
32) Benzene-d6	5.77	84	371441	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
36) 1,2-Dichloropropane-d6	6.73	67	123916	4.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.60%
41) Toluene-d8	7.93	98	343768	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
43) trans-1,3-Dichloropropene-	8.21	79	48198	4.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.20%
46) 2-Hexanone-d5	8.68	63	215028	49.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.36%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	111591	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	134877	4.37	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.40	85	141340	5.478	ug/L 99
3) Chloromethane	1.53	50	154032	5.176	ug/L 99
5) Vinyl chloride	1.62	62	168483	5.527	ug/L 98
6) Bromomethane	1.87	94	87246	5.020	ug/L 99
8) Chloroethane	1.95	64	100552	5.749	ug/L 97
9) Trichlorofluoromethane	2.16	101	214431	5.765	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	123563	5.624	ug/L 99
12) 1,1-Dichloroethene	2.61	96	119123	5.650	ug/L 84
13) Acetone	2.68	43	206934	52.672	ug/L 98
14) Carbon disulfide	2.82	76	371340	5.431	ug/L 99
15) Methyl Acetate	3.00	43	49332	5.405	ug/L 98
16) Methylene chloride	3.08	84	132777	5.312	ug/L 98
17) Methyl tert-butyl Ether	3.42	73	267252	5.408	ug/L 100
18) trans-1,2-Dichloroethene	3.39	96	120187	5.535	ug/L 99
19) 1,1-Dichloroethane	3.92	63	222222	5.512	ug/L 98
21) 2-Butanone	4.78	43	313259	53.699	ug/L 100
22) cis-1,2-Dichloroethene	4.72	96	127149	5.303	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	62577	5.510	ug/L	98
25) Chloroform	5.13	83	256300	5.847	ug/L	98
27) 1,2-Dichloroethane	5.84	62	135178	5.540	ug/L	100
29) 1,1,1-Trichloroethane	5.36	97	190826	5.335	ug/L	99
30) Cyclohexane	5.43	56	172829	4.833	ug/L	100
31) Carbon tetrachloride	5.57	117	171313	5.314	ug/L	97
33) Benzene	5.82	78	500096	5.230	ug/L	100
34) Trichloroethene	6.58	95	124727	5.097	ug/L	97
35) Methylcyclohexane	6.80	83	176296	4.729	ug/L	99
37) 1,2-Dichloropropane	6.83	63	131661	5.226	ug/L	100
38) Bromodichloromethane	7.14	83	163109	5.351	ug/L	100
39) cis-1,3-Dichloropropene	7.64	75	174655	4.857	ug/L	97
40) 4-Methyl-2-pentanone	7.84	43	731491	50.491	ug/L	99
42) Toluene	8.00	91	549188	5.459	ug/L	98
44) trans-1,3-Dichloropropene	8.25	75	146473	5.095	ug/L	97
45) 1,1,2-Trichloroethane	8.43	97	95129	5.272	ug/L	99
47) Tetrachloroethene	8.58	164	112932	5.296	ug/L	96
48) 2-Hexanone	8.73	43	546700	53.097	ug/L	96
49) Dibromochloromethane	8.84	129	118460	5.322	ug/L	98
50) 1,2-Dibromoethane	8.96	107	91968	5.372	ug/L	99
51) Chlorobenzene	9.48	112	341056	5.163	ug/L	99
52) Ethylbenzene	9.60	91	539554	5.096	ug/L	99
53) m,p-Xylene	9.72	106	215499	5.375	ug/L	99
54) o-Xylene	10.13	106	205375	5.301	ug/L	99
55) Styrene	10.14	104	353331	5.516	ug/L	99
56) Isopropylbenzene	10.51	105	538629	5.268	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.81	83	124154	5.266	ug/L	100
59) 1,2,3-Trichloropropane	10.85	75	88088	5.286	ug/L	97
61) Bromoform	10.32	173	70881	5.012	ug/L	99
62) 1,3-Dichlorobenzene	11.77	146	271748	5.194	ug/L	99
63) 1,4-Dichlorobenzene	11.86	146	265339	5.267	ug/L	99
65) 1,2-Dichlorobenzene	12.24	146	254430	5.182	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	15480	4.955	ug/L	95
67) 1,3,5-Trichlorobenzene	13.24	180	176352	5.230	ug/L	100
68) 1,2,4-trichlorobenzene	13.86	180	91799	4.518	ug/L	99
69) Naphthalene	14.11	128	95861	3.832	ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	90992	4.632	ug/L	98

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

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