

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021820\
 Data File : VU036826.D
 Acq On : 18 Feb 2020 10:25
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00522

Quant Time: Feb 19 04:52:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Feb 18 13:13:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	116762	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	108782	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	48301	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	39501	3.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.60%
7) Chloroethane-d5	1.93	69	38741	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.80%
11) 1,1-Dichloroethene-d2	2.59	63	72234	4.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.20%
20) 2-Butanone-d5	4.68	46	112475	53.41	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.82%
24) Chloroform-d	5.11	84	75684	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.74	65	42310	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
32) Benzene-d6	5.76	84	155102	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.73	67	50978	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.93	98	139959	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
43) trans-1,3-Dichloropropene-	8.21	79	18812	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
46) 2-Hexanone-d5	8.66	63	93460	50.16	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.32%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	40698	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	44487	4.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	41130	5.334	ug/L 99
3) Chloromethane	1.54	50	45140	5.624	ug/L 95
5) Vinyl chloride	1.62	62	50331	5.369	ug/L 98
6) Bromomethane	1.87	94	28096	4.988	ug/L 95
8) Chloroethane	1.95	64	33595	5.130	ug/L 96
9) Trichlorofluoromethane	2.16	101	64683	5.244	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	41382	5.254	ug/L 99
12) 1,1-Dichloroethene	2.60	96	36923	5.199	ug/L 97
13) Acetone	2.67	43	142816	53.039	ug/L 98
14) Carbon disulfide	2.82	76	86284	5.034	ug/L 98
15) Methyl Acetate	2.99	43	18831	5.271	ug/L 100
16) Methylene chloride	3.08	84	47143	3.938	ug/L 97
17) Methyl tert-butyl Ether	3.41	73	110454	5.251	ug/L 99
18) trans-1,2-Dichloroethene	3.39	96	38844	5.300	ug/L 98
19) 1,1-Dichloroethane	3.91	63	84416	5.492	ug/L 96
21) 2-Butanone	4.76	43	171751	54.833	ug/L 100
22) cis-1,2-Dichloroethene	4.71	96	48479	5.466	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	19446	5.515	ug/L	96
25) Chloroform	5.13	83	84066	5.121	ug/L	99
27) 1,2-Dichloroethane	5.84	62	55253	5.281	ug/L	99
29) 1,1,1-Trichloroethane	5.36	97	64658	5.412	ug/L	98
30) Cyclohexane	5.43	56	68956	5.434	ug/L	97
31) Carbon tetrachloride	5.56	117	50585	5.248	ug/L	100
33) Benzene	5.81	78	182927	5.452	ug/L	100
34) Trichloroethene	6.57	95	46934	5.492	ug/L	97
35) Methylcyclohexane	6.79	83	70811	5.222	ug/L	98
37) 1,2-Dichloropropane	6.83	63	49403	5.392	ug/L	100
38) Bromodichloromethane	7.14	83	59846	5.474	ug/L	98
39) cis-1,3-Dichloropropene	7.64	75	70827	5.343	ug/L	99
40) 4-Methyl-2-pentanone	7.83	43	322445	54.541	ug/L	100
42) Toluene	8.00	91	197398	5.478	ug/L	98
44) trans-1,3-Dichloropropene	8.24	75	55849	5.391	ug/L	97
45) 1,1,2-Trichloroethane	8.43	97	35317	5.541	ug/L	98
47) Tetrachloroethene	8.58	164	29973	5.156	ug/L	96
48) 2-Hexanone	8.72	43	268128	52.997	ug/L	97
49) Dibromochloromethane	8.84	129	36644	5.559	ug/L	97
50) 1,2-Dibromoethane	8.95	107	31045	5.393	ug/L	96
51) Chlorobenzene	9.47	112	119810	5.374	ug/L	99
52) Ethylbenzene	9.59	91	214087	5.319	ug/L	98
53) m,p-Xylene	9.72	106	79174	5.345	ug/L	95
54) o-Xylene	10.12	106	77329	5.316	ug/L	97
55) Styrene	10.14	104	130448	5.320	ug/L	99
56) Isopropylbenzene	10.50	105	207704	5.336	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	46290	5.548	ug/L	100
59) 1,2,3-Trichloropropane	10.84	75	32496	5.372	ug/L	100
61) Bromoform	10.31	173	18268	5.489	ug/L	98
62) 1,3-Dichlorobenzene	11.76	146	88664	5.328	ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	87731	5.318	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	86537	5.394	ug/L	100
66) 1,2-Dibromo-3-chloropropan	13.02	75	6818	5.695	ug/L	93
67) 1,3,5-Trichlorobenzene	13.24	180	64762	5.528	ug/L	98
68) 1,2,4-trichlorobenzene	13.87	180	47710	5.400	ug/L	99
69) Naphthalene	14.12	128	84837	5.300	ug/L	99
70) 1,2,3-Trichlorobenzene	14.37	180	44891	5.662	ug/L	98

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

