

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U112018\
 Data File : VU028269.D
 Acq On : 20 Nov 2018 10:36
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00523

Quant Time: Nov 21 06:34:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 20 07:07:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	137648	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	130995	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	62139	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	42742	4.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.60%
7) Chloroethane-d5	1.68	69	40204	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.00%
11) 1,1-Dichloroethene-d2	2.28	63	89472	4.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.80%
20) 2-Butanone-d5	4.21	46	178160	51.40	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.80%
24) Chloroform-d	4.65	84	90177	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.31	65	50358	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
32) Benzene-d6	5.34	84	167654	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
36) 1,2-Dichloropropane-d6	6.33	67	62146	4.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.80%
41) Toluene-d8	7.57	98	148393	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
43) trans-1,3-Dichloropropene-	7.85	79	19483	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.31	63	129425	49.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.68%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	48413	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	54322	4.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.00%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	50599	4.38	ug/L 98
3) Chloromethane	1.33	50	73619	5.00	ug/L 97
5) Vinyl chloride	1.40	62	65330	4.68	ug/L 99
6) Bromomethane	1.63	94	27667	4.39	ug/L 96
8) Chloroethane	1.70	64	39396	4.77	ug/L 100
9) Trichlorofluoromethane	1.88	101	78560	4.83	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	42759	4.78	ug/L 98
12) 1,1-Dichloroethene	2.29	96	40834	4.82	ug/L 88
13) Acetone	2.35	43	113409	47.57	ug/L 98
14) Carbon disulfide	2.48	76	129051	4.85	ug/L 97
15) Methyl Acetate	2.63	43	26480	4.19	ug/L 99
16) Methylene chloride	2.70	84	49352	4.62	ug/L 94
17) Methyl tert-butyl Ether	3.01	73	113740	4.47	ug/L 99
18) trans-1,2-Dichloroethene	2.98	96	43351	4.80	ug/L 94
19) 1,1-Dichloroethane	3.44	63	100400	4.80	ug/L 99
21) 2-Butanone	4.30	43	170873	45.01	ug/L 97
22) cis-1,2-Dichloroethene	4.23	96	49165	4.61	ug/L 93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	19839	4.75	ug/L	91
25) Chloroform	4.67	83	93521	4.13	ug/L	99
27) 1,2-Dichloroethane	5.40	62	58509	4.52	ug/L	100
29) 1,1,1-Trichloroethane	4.91	97	67558	4.57	ug/L	98
30) Cyclohexane	4.99	56	84539	4.37	ug/L	98
31) Carbon tetrachloride	5.13	117	55637	4.59	ug/L	100
33) Benzene	5.39	78	199205	4.61	ug/L	100
34) Trichloroethene	6.19	95	49829	4.71	ug/L	97
35) Methylcyclohexane	6.41	83	77306	4.64	ug/L	99
37) 1,2-Dichloropropane	6.43	63	56320	4.57	ug/L	100
38) Bromodichloromethane	6.76	83	62248	4.63	ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	72667	4.65	ug/L	98
40) 4-Methyl-2-pentanone	7.47	43	388540	44.07	ug/L	99
42) Toluene	7.64	91	208248	4.75	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	54764	4.66	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	34292	4.60	ug/L	98
47) Tetrachloroethene	8.22	164	34681	4.72	ug/L	97
48) 2-Hexanone	8.37	43	288746	45.93	ug/L	99
49) Dibromochloromethane	8.48	129	35456	4.70	ug/L	96
50) 1,2-Dibromoethane	8.59	107	30986	4.60	ug/L	97
51) Chlorobenzene	9.12	112	121044	4.80	ug/L	98
52) Ethylbenzene	9.25	91	216961	4.60	ug/L	92
53) m,p-xylene	9.38	106	78283	4.79	ug/L	99
54) o-xylene	9.78	106	77021	4.71	ug/L	94
55) Styrene	9.79	104	134491	4.90	ug/L	100
56) Isopropylbenzene	10.17	105	204193	4.67	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	46189	4.82	ug/L	97
59) 1,2,3-Trichloropropane	10.49	75	31878	4.47	ug/L	99
61) Bromoform	9.96	173	19340	4.91	ug/L	98
62) 1,3-Dichlorobenzene	11.42	146	85149	4.50	ug/L	96
63) 1,4-Dichlorobenzene	11.51	146	88041	4.56	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	84330	4.55	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	6110	4.23	ug/L #	90
67) 1,3,5-Trichlorobenzene	12.89	180	64715	4.47	ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	53173	4.40	ug/L	95
69) Naphthalene	13.74	128	98429	4.58	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	52618	4.60	ug/L	99

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

