

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091618\
 Data File : VU026769.D
 Acq On : 15 Sep 2018 10:55
 Operator : MD/SY
 Sample : VSTD0.540
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.540

Quant Time: Sep 17 04:16:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091618WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Sep 17 04:13:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	125416	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	107925	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	48671	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	4578	0.30	ug/L	0.00
7) Chloroethane-d5	1.68	69	3620	0.31	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.28	63	8570	0.33	ug/L	0.00
20) 2-Butanone-d5	4.23	46	10492	3.62	ug/L	0.00
24) Chloroform-d	4.65	84	7623	0.41	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.32	65	4622	0.41	ug/L	0.00
32) Benzene-d6	5.34	84	15569	0.43	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	4843	0.41	ug/L	0.00
41) Toluene-d8	7.57	98	13537	0.41	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.86	79	1767	0.41	ug/L	0.00
46) 2-Hexanone-d5	8.33	63	5406	2.89	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.44	84	3791	0.41	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	4629	0.42	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	6710	0.54	ug/L	100
3) Chloromethane	1.33	50	6573	0.43	ug/L	98
5) Vinyl chloride	1.40	62	6709	0.43	ug/L	97
6) Bromomethane	1.63	94	2998	0.40	ug/L	99
8) Chloroethane	1.70	64	4667	0.50	ug/L	93
9) Trichlorofluoromethane	1.89	101	8508	0.46	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	4736	0.43	ug/L	95
12) 1,1-Dichloroethene	2.29	96	4707	0.47	ug/L	89
13) Acetone	2.36	43	10243	4.62	ug/L	99
14) Carbon disulfide	2.48	76	16118	0.44	ug/L	99
15) Methyl Acetate	2.63	43	2772	0.45	ug/L #	87
16) Methylene chloride	2.70	84	7135	0.57	ug/L	98
17) Methyl tert-butyl Ether	3.01	73	11093	0.44	ug/L	96
18) trans-1,2-Dichloroethene	2.98	96	5272	0.48	ug/L	95
19) 1,1-Dichloroethane	3.45	63	9580	0.43	ug/L	98
21) 2-Butanone	4.31	43	15343	5.18	ug/L	95
22) cis-1,2-Dichloroethene	4.23	96	5549	0.49	ug/L	89
23) Bromochloromethane	4.55	128	2366	0.51	ug/L	86
25) Chloroform	4.68	83	9067	0.41	ug/L	96
27) 1,2-Dichloroethane	5.41	62	5790	0.47	ug/L #	92
29) 1,1,1-Trichloroethane	4.92	97	7727	0.55	ug/L	99
30) Cyclohexane	4.99	56	8912	0.61	ug/L	97
31) Carbon tetrachloride	5.13	117	6680	0.53	ug/L	96
33) Benzene	5.39	78	20765	0.57	ug/L	100
34) Trichloroethene	6.19	95	5226	0.53	ug/L	94
35) Methylcyclohexane	6.41	83	8038	0.56	ug/L	99
37) 1,2-Dichloropropane	6.44	63	5296	0.52	ug/L #	89
38) Bromodichloromethane	6.76	83	6588	0.55	ug/L	96
39) cis-1,3-Dichloropropene	7.27	75	6733	0.52	ug/L	93
40) 4-Methyl-2-pentanone	7.48	43	28725	5.00	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.64	91	18815	0.50	ug/L	97
44) trans-1,3-Dichloropropene	7.88	75	5250	0.50	ug/L	88
45) 1,1,2-Trichloroethane	8.07	97	3658	0.57	ug/L	97
47) Tetrachloroethene	8.23	164	4576	0.60	ug/L	97
48) 2-Hexanone	8.38	43	18890	4.47	ug/L	94
49) Dibromochloromethane	8.48	129	4223	0.54	ug/L	98
50) 1,2-Dibromoethane	8.59	107	3306	0.55	ug/L #	99
51) Chlorobenzene	9.12	112	14300	0.59	ug/L	98
52) Ethylbenzene	9.25	91	16857	0.43	ug/L	92
53) m,p-xylene	9.38	106	6049	0.41	ug/L	95
54) o-xylene	9.78	106	5928	0.43	ug/L	88
55) Styrene	9.79	104	9533	0.39	ug/L	97
56) Isopropylbenzene	10.17	105	15005	0.41	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	4455	0.53	ug/L #	99
59) 1,2,3-Trichloropropane	10.50	75	2914	0.49	ug/L	95
61) Bromoform	9.96	173	2497	0.62	ug/L #	96
62) 1,3-Dichlorobenzene	11.42	146	8830	0.55	ug/L	96
63) 1,4-Dichlorobenzene	11.51	146	11255	0.66	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	9770	0.61	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.66	75	579	0.55	ug/L	97
67) 1,3,5-Trichlorobenzene	12.89	180	7236	0.54	ug/L	98
68) 1,2,4-trichlorobenzene	13.51	180	5905	0.55	ug/L	96
69) Naphthalene	13.75	128	7053	0.43	ug/L #	92
70) 1,2,3-Trichlorobenzene	13.99	180	4970	0.49	ug/L	99

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

