

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091618\
 Data File : VU026770.D
 Acq On : 15 Sep 2018 11:28
 Operator : MD/SY
 Sample : VSTD00141
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00141

Quant Time: Sep 17 04:17:08 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	132901	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	115078	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	52945	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	8969	0.55	ug/L	0.00
7) Chloroethane-d5	1.68	69	7625	0.62	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.28	63	17945	0.65	ug/L	0.00
20) 2-Butanone-d5	4.22	46	21531	7.01	ug/L	0.00
24) Chloroform-d	4.65	84	15935	0.82	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	7997	0.66	ug/L	0.00
32) Benzene-d6	5.34	84	30061	0.79	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.34	67	10032	0.80	ug/L	0.00
41) Toluene-d8	7.57	98	27562	0.78	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	3589	0.78	ug/L	0.00
46) 2-Hexanone-d5	8.33	63	11808	5.93	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.44	84	7761	0.79	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	9380	0.79	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	14436	1.10	ug/L	98
3) Chloromethane	1.33	50	14073	0.86	ug/L	99
5) Vinyl chloride	1.40	62	14819	0.90	ug/L	98
6) Bromomethane	1.63	94	7122	0.89	ug/L	99
8) Chloroethane	1.70	64	9335	0.95	ug/L	99
9) Trichlorofluoromethane	1.89	101	18465	0.93	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	10613	0.91	ug/L	100
12) 1,1-Dichloroethene	2.29	96	9981	0.94	ug/L	87
13) Acetone	2.36	43	21638	9.22	ug/L	65
14) Carbon disulfide	2.48	76	34107	0.87	ug/L	99
15) Methyl Acetate	2.63	43	5358	0.82	ug/L	94
16) Methylene chloride	2.70	84	12730	0.96	ug/L	97
17) Methyl tert-butyl Ether	3.01	73	23675	0.89	ug/L	96
18) trans-1,2-Dichloroethene	2.98	96	10863	0.93	ug/L	97
19) 1,1-Dichloroethane	3.45	63	20221	0.85	ug/L	97
21) 2-Butanone	4.31	43	33779	10.76	ug/L	98
22) cis-1,2-Dichloroethene	4.23	96	12077	1.00	ug/L	100
23) Bromochloromethane	4.55	128	5129	1.04	ug/L	96
25) Chloroform	4.68	83	19965	0.86	ug/L	97
27) 1,2-Dichloroethane	5.41	62	12571	0.96	ug/L	# 94
29) 1,1,1-Trichloroethane	4.92	97	17072	1.14	ug/L	99
30) Cyclohexane	4.99	56	18414	1.19	ug/L	99
31) Carbon tetrachloride	5.13	117	14761	1.10	ug/L	100
33) Benzene	5.39	78	43673	1.12	ug/L	100
34) Trichloroethene	6.18	95	11055	1.04	ug/L	94
35) Methylcyclohexane	6.41	83	16793	1.10	ug/L	97
37) 1,2-Dichloropropane	6.44	63	11506	1.07	ug/L	99
38) Bromodichloromethane	6.76	83	14451	1.14	ug/L	95
39) cis-1,3-Dichloropropene	7.27	75	14818	1.07	ug/L	98
40) 4-Methyl-2-pentanone	7.48	43	64134	10.46	ug/L	98

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42) Toluene	7.64	91	41976	1.06	ug/L	98
44) trans-1,3-Dichloropropene	7.89	75	11577	1.02	ug/L	95
45) 1,1,2-Trichloroethane	8.07	97	7684	1.12	ug/L	96
47) Tetrachloroethene	8.23	164	9602	1.19	ug/L	98
48) 2-Hexanone	8.38	43	43969	9.76	ug/L	97
49) Dibromochloromethane	8.48	129	9495	1.13	ug/L	96
50) 1,2-Dibromoethane	8.59	107	7212	1.12	ug/L	94
51) Chlorobenzene	9.12	112	29034	1.12	ug/L	99
52) Ethylbenzene	9.25	91	38568	0.92	ug/L	98
53) m,p-xylene	9.38	106	14081	0.90	ug/L	97
54) o-xylene	9.78	106	13097	0.89	ug/L	98
55) Styrene	9.79	104	22104	0.85	ug/L	97
56) Isopropylbenzene	10.17	105	34234	0.88	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	9422	1.05	ug/L	99
59) 1,2,3-Trichloropropane	10.50	75	6763	1.08	ug/L	98
61) Bromoform	9.96	173	5465	1.25	ug/L	98
62) 1,3-Dichlorobenzene	11.42	146	19337	1.11	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	22322	1.20	ug/L	96
65) 1,2-Dichlorobenzene	11.88	146	20246	1.16	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.66	75	1347	1.18	ug/L	89
67) 1,3,5-Trichlorobenzene	12.89	180	15715	1.07	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	12364	1.05	ug/L	97
69) Naphthalene	13.75	128	15693	0.89	ug/L	98
70) 1,2,3-Trichlorobenzene	13.99	180	11619	1.06	ug/L	97

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

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