

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091618\
 Data File : VU026773.D
 Acq On : 15 Sep 2018 12:46
 Operator : MD/SY
 Sample : VSTD02044
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02044

Quant Time: Sep 17 04:18:04 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	137584	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	124317	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	70575	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	200782	11.97	ug/L	0.00
7) Chloroethane-d5	1.68	69	166715	13.07	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.28	63	383373	13.33	ug/L	0.00
20) 2-Butanone-d5	4.22	46	457274	143.77	ug/L	0.00
24) Chloroform-d	4.65	84	347893	17.24	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	174684	14.02	ug/L	0.00
32) Benzene-d6	5.34	84	690023	16.73	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	221488	16.28	ug/L	0.00
41) Toluene-d8	7.57	98	669574	17.49	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	86919	17.55	ug/L	0.00
46) 2-Hexanone-d5	8.32	63	399867	185.83	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	173245	16.38	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	259898	16.34	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	290811	21.45	ug/L	99
3) Chloromethane	1.33	50	289807	17.10	ug/L	99
5) Vinyl chloride	1.40	62	296707	17.39	ug/L	100
6) Bromomethane	1.63	94	159755	19.30	ug/L	97
8) Chloroethane	1.70	64	179799	17.63	ug/L	97
9) Trichlorofluoromethane	1.88	101	366598	17.88	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	215297	17.88	ug/L	98
12) 1,1-Dichloroethene	2.29	96	201950	18.33	ug/L	89
13) Acetone	2.35	43	364945	150.13	ug/L	100
14) Carbon disulfide	2.48	76	698652	17.31	ug/L	100
15) Methyl Acetate	2.63	43	97137	14.41	ug/L	100
16) Methylene chloride	2.70	84	215823	15.72	ug/L	98
17) Methyl tert-butyl Ether	3.01	73	490851	17.82	ug/L	100
18) trans-1,2-Dichloroethene	2.98	96	217044	17.89	ug/L	97
19) 1,1-Dichloroethane	3.45	63	407193	16.52	ug/L	99
21) 2-Butanone	4.30	43	645676	198.75	ug/L	99
22) cis-1,2-Dichloroethene	4.22	96	236297	18.91	ug/L	97
23) Bromochloromethane	4.55	128	99367	19.50	ug/L	95
25) Chloroform	4.67	83	392854	16.36	ug/L	99
27) 1,2-Dichloroethane	5.41	62	253982	18.68	ug/L	99
29) 1,1,1-Trichloroethane	4.91	97	343789	21.33	ug/L	100
30) Cyclohexane	4.99	56	402322	23.98	ug/L	100
31) Carbon tetrachloride	5.13	117	305708	21.12	ug/L	99
33) Benzene	5.39	78	879493	20.79	ug/L	100
34) Trichloroethene	6.18	95	230928	20.19	ug/L	98
35) Methylcyclohexane	6.41	83	403370	24.43	ug/L	97
37) 1,2-Dichloropropane	6.44	63	239825	20.61	ug/L	100
38) Bromodichloromethane	6.76	83	289950	21.10	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	349903	23.44	ug/L	99
40) 4-Methyl-2-pentanone	7.48	43	1498219	226.26	ug/L	98

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42) Toluene	7.64	91	973115	22.66	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	284754	23.33	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	158847	21.48	ug/L	99
47) Tetrachloroethene	8.23	164	201937	23.07	ug/L	96
48) 2-Hexanone	8.38	43	1081453	222.26	ug/L	99
49) Dibromochloromethane	8.48	129	204662	22.54	ug/L	98
50) 1,2-Dibromoethane	8.59	107	151727	21.74	ug/L	99
51) Chlorobenzene	9.12	112	621305	22.10	ug/L	99
52) Ethylbenzene	9.25	91	1078258	23.86	ug/L	99
53) m,p-xylene	9.38	106	418432	24.82	ug/L	99
54) o-xylene	9.78	106	405661	25.44	ug/L	100
55) Styrene	9.79	104	716363	25.49	ug/L	99
56) Isopropylbenzene	10.17	105	1077492	25.55	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	202664	20.97	ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	144824	21.33	ug/L	99
61) Bromoform	9.96	173	120485	20.73	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	499639	21.46	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	525699	21.20	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	498172	21.47	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	31766	20.81	ug/L	95
67) 1,3,5-Trichlorobenzene	12.89	180	427815	21.85	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	364230	23.19	ug/L	98
69) Naphthalene	13.74	128	612489	26.02	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	350358	23.98	ug/L	100

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

