

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081718\
 Data File : VU026182.D
 Acq On : 17 Aug 2018 16:34
 Operator : MD/SY
 Sample : VSTD00542
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00542

Quant Time: Aug 18 00:01:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 17 23:59:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	138538	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	138204	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	70378	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	39185	4.02	ug/L	0.00
7) Chloroethane-d5	1.68	69	31636	4.02	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.28	63	82055	4.54	ug/L	0.00
20) 2-Butanone-d5	4.19	46	110679	45.18	ug/L	0.00
24) Chloroform-d	4.65	84	84192	4.74	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	47953	5.24	ug/L	0.00
32) Benzene-d6	5.34	84	174269	4.50	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.34	67	54724	4.51	ug/L	0.00
41) Toluene-d8	7.57	98	170040	4.67	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	22837	5.55	ug/L	0.00
46) 2-Hexanone-d5	8.32	63	97166	46.64	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.44	84	44123	4.77	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	65718	4.53	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	65403	5.79	ug/L	100
3) Chloromethane	1.33	50	60351	5.24	ug/L	100
5) Vinyl chloride	1.41	62	57491	5.03	ug/L	100
6) Bromomethane	1.63	94	31408	5.26	ug/L	100
8) Chloroethane	1.70	64	33136	4.13	ug/L	100
9) Trichlorofluoromethane	1.89	101	84490	5.58	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	45745	5.09	ug/L	100
12) 1,1-Dichloroethene	2.29	96	41327	4.88	ug/L	100
13) Acetone	2.32	43	67735	46.69	ug/L	100
14) Carbon disulfide	2.48	76	145996	5.12	ug/L	100
15) Methyl Acetate	2.62	43	20136	4.56	ug/L	100
16) Methylene chloride	2.70	84	45067	4.68	ug/L	100
17) Methyl tert-butyl Ether	3.01	73	104207	5.09	ug/L	100
18) trans-1,2-Dichloroethene	2.98	96	44681	4.89	ug/L	100
19) 1,1-Dichloroethane	3.45	63	86880	4.98	ug/L	100
21) 2-Butanone	4.28	43	126788	50.18	ug/L	100
22) cis-1,2-Dichloroethene	4.23	96	56160	5.44	ug/L	100
23) Bromochloromethane	4.55	128	25123	5.47	ug/L	100
25) Chloroform	4.68	83	109418	6.05	ug/L	100
27) 1,2-Dichloroethane	5.41	62	63829	5.86	ug/L	100
29) 1,1,1-Trichloroethane	4.92	97	90722	5.89	ug/L	100
30) Cyclohexane	5.00	56	77689	4.89	ug/L	100
31) Carbon tetrachloride	5.14	117	84014	6.22	ug/L	100
33) Benzene	5.39	78	209155	5.13	ug/L	100
34) Trichloroethene	6.19	95	55032	5.13	ug/L	100
35) Methylcyclohexane	6.42	83	82162	4.99	ug/L	100
37) 1,2-Dichloropropane	6.44	63	55290	5.16	ug/L	100
38) Bromodichloromethane	6.76	83	71432	5.72	ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	71516	5.36	ug/L	100
40) 4-Methyl-2-pentanone	7.47	43	308296	52.56	ug/L	100

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42) Toluene	7.64	91	224549	5.35	ug/L	100
44) trans-1,3-Dichloropropene	7.89	75	63140	5.83	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	37647	5.25	ug/L	100
47) Tetrachloroethene	8.23	164	47899	5.38	ug/L	100
48) 2-Hexanone	8.37	43	214760	50.91	ug/L	100
49) Dibromochloromethane	8.48	129	51457	6.13	ug/L	100
50) 1,2-Dibromoethane	8.59	107	37039	5.59	ug/L	100
51) Chlorobenzene	9.12	112	144657	5.24	ug/L	100
52) Ethylbenzene	9.25	91	229940	5.29	ug/L	100
53) m,p-xylene	9.38	106	90694	5.48	ug/L	100
54) o-xylene	9.78	106	87380	5.41	ug/L	100
55) Styrene	9.80	104	151697	5.67	ug/L	100
56) Isopropylbenzene	10.17	105	234643	5.57	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	47347	5.24	ug/L	100
59) 1,2,3-Trichloropropane	10.50	75	33168	5.44	ug/L	100
61) Bromoform	9.96	173	28242	5.45	ug/L	100
62) 1,3-Dichlorobenzene	11.42	146	111829	5.03	ug/L	100
63) 1,4-Dichlorobenzene	11.51	146	116304	5.20	ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	111600	5.01	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.66	75	7604	5.47	ug/L	100
67) 1,3,5-Trichlorobenzene	12.89	180	89597	5.18	ug/L	100
68) 1,2,4-trichlorobenzene	13.51	180	66993	5.58	ug/L	100
69) Naphthalene	13.75	128	96880	5.38	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	64268	5.49	ug/L	100

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

