

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071618\
 Data File : VU025417.D
 Acq On : 16 Jul 2018 11:13
 Operator : MD/SY
 Sample : VSTD10054
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD10054

Quant Time: Jul 17 02:05:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071618WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 17 02:04:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	369270	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	355682	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	189932	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	191341	89.33	ug/L	0.00
7) Chloroethane-d5	1.67	69	151938	85.42	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	417198	88.98	ug/L	0.00
21) 2-Butanone-d5	4.18	46	416336	222.92	ug/L	0.00
24) Chloroform-d	4.65	84	465637	99.03	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	312357	94.82	ug/L	0.00
32) Benzene-d6	5.35	84	873470	90.90	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.34	67	286127	93.35	ug/L	0.00
41) Toluene-d8	7.57	98	874872	93.29	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	147656	96.10	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	322145	223.75	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.44	84	454494	103.35	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	391497	95.62	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	301777	91.33	ug/L	99
3) Chloromethane	1.33	50	303965	106.69	ug/L	98
5) Vinyl chloride	1.40	62	257835	91.29	ug/L	99
6) Bromomethane	1.61	94	71046	51.86	ug/L	93
8) Chloroethane	1.69	64	145857	85.63	ug/L	99
9) Trichlorofluoromethane	1.88	101	351626	86.17	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	216893	88.74	ug/L	98
12) 1,1-Dichloroethene	2.28	96	201920	90.90	ug/L	98
13) Acetone	2.32	43	358806	186.78	ug/L	99
14) Carbon disulfide	2.47	76	629236	93.14	ug/L	99
15) Methyl Acetate	2.62	43	295448	100.68	ug/L	100
16) Methylene chloride	2.70	84	257168	96.83	ug/L	97
17) trans-1,2-Dichloroethene	2.98	96	223923	92.30	ug/L	97
18) Methyl tert-butyl Ether	3.00	73	794179	94.04	ug/L	100
19) 1,1-Dichloroethane	3.45	63	442069	95.53	ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	265959	94.82	ug/L	98
22) 2-Butanone	4.26	43	472806	207.04	ug/L	99
23) Bromochloromethane	4.55	128	126510	88.84	ug/L	99
25) Chloroform	4.68	83	462765	93.67	ug/L	99
27) 1,2-Dichloroethane	5.41	62	380913	92.78	ug/L	99
29) Cyclohexane	5.00	56	387086	85.98	ug/L	99
30) 1,1,1-Trichloroethane	4.92	97	420767	89.66	ug/L	100
31) Carbon tetrachloride	5.14	117	372373	90.88	ug/L	98
33) Benzene	5.39	78	951555	89.30	ug/L	100
34) Trichloroethene	6.19	95	250072	88.55	ug/L	99
35) Methylcyclohexane	6.42	83	407022	86.67	ug/L	99
37) 1,2-Dichloropropane	6.44	63	260058	91.07	ug/L	99
38) Bromodichloromethane	6.76	83	344770	91.59	ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	418313	93.15	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	842980	201.75	ug/L	100

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42) Toluene	7.64	91	1051858	91.02	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	391968	94.18	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	255666	94.00	ug/L	99
46) Tetrachloroethene	8.23	164	217997	91.33	ug/L	99
48) 2-Hexanone	8.36	43	713310	212.05	ug/L	99
49) Dibromochloromethane	8.48	129	289403	91.88	ug/L	99
50) 1,2-Dibromoethane	8.59	107	276907	91.58	ug/L	100
51) Chlorobenzene	9.12	112	709898	91.89	ug/L	100
52) Ethylbenzene	9.25	91	1200794	92.53	ug/L	100
53) m,p-Xylene	9.38	106	467147	92.98	ug/L	100
54) o-xylene	9.78	106	467128	92.77	ug/L	99
55) Styrene	9.80	104	789412	95.67	ug/L	98
56) Isopropylbenzene	10.17	105	1226348	92.86	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	459228	99.83	ug/L	99
59) 1,2,3-Trichloropropane	10.50	75	373279	99.62	ug/L	100
61) Bromoform	9.96	173	212980	88.22	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	583843	92.62	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	586871	92.73	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	609743	91.86	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.66	75	110188	99.01	ug/L	93
67) 1,3,5-Trichlorobenzene	12.89	180	443739	94.80	ug/L	100
68) 1,2,4-trichlorobenzene	13.51	180	390386	99.49	ug/L	99
69) Naphthalene	13.75	128	1378855	104.06	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	414197	97.69	ug/L	100

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

