

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071619\
 Data File : VU033258.D
 Acq On : 16 Jul 2019 10:27
 Operator : JC/SP
 Sample : VSTD01006
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01006

Quant Time: Jul 17 04:02:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR071619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 17 03:58:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	140717	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	143460	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	76677	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	142363	15.05	ug/L	0.00
7) Chloroethane-d5	1.67	69	127708	15.27	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.26	63	279548	13.24	ug/L	0.00
20) 2-Butanone-d5	4.18	46	279327	95.04	ug/L	0.00
24) Chloroform-d	4.62	84	214550	10.90	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.29	65	109869	9.81	ug/L	0.00
32) Benzene-d6	5.32	84	423301	11.86	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.31	67	131882	11.17	ug/L	0.00
41) Toluene-d8	7.55	98	405878	11.80	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.83	79	56001	11.19	ug/L	0.00
46) 2-Hexanone-d5	8.30	63	240244	116.28	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.41	84	109474	10.68	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.85	152	148311	10.57	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	121870	8.705	ug/L 99
3) Chloromethane	1.32	50	142261	10.038	ug/L 100
5) Vinyl chloride	1.39	62	158215	11.134	ug/L 100
6) Bromomethane	1.62	94	96839	11.806	ug/L 96
8) Chloroethane	1.69	64	108491	12.537	ug/L 100
9) Trichlorofluoromethane	1.87	101	229036	11.326	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	123914	11.666	ug/L 99
12) 1,1-Dichloroethene	2.27	96	119350	12.274	ug/L 94
13) Acetone	2.33	43	227519	94.214	ug/L 99
14) Carbon disulfide	2.46	76	381258	11.876	ug/L 99
15) Methyl Acetate	2.61	43	58672	10.087	ug/L 97
16) Methylene chloride	2.68	84	133195	11.595	ug/L 95
17) Methyl tert-butyl Ether	2.98	73	316358	11.373	ug/L 100
18) trans-1,2-Dichloroethene	2.96	96	129107	12.016	ug/L 99
19) 1,1-Dichloroethane	3.42	63	195129	9.608	ug/L 99
21) 2-Butanone	4.26	43	283488	84.813	ug/L 97
22) cis-1,2-Dichloroethene	4.20	96	112428	10.070	ug/L 92
23) Bromochloromethane	4.52	128	49640	9.608	ug/L 96
25) Chloroform	4.65	83	202840	9.041	ug/L 99
27) 1,2-Dichloroethane	5.38	62	130167	9.031	ug/L 100
29) 1,1,1-Trichloroethane	4.89	97	173891	9.567	ug/L 100
30) Cyclohexane	4.97	56	161213	9.771	ug/L 99
31) Carbon tetrachloride	5.11	117	153925	9.470	ug/L 98
33) Benzene	5.36	78	435164	10.334	ug/L 100
34) Trichloroethene	6.16	95	113776	10.009	ug/L 98
35) Methylcyclohexane	6.39	83	179039	10.545	ug/L 99
37) 1,2-Dichloropropane	6.41	63	116250	10.087	ug/L 100
38) Bromodichloromethane	6.74	83	145199	9.686	ug/L 98
39) cis-1,3-Dichloropropene	7.25	75	169058	10.401	ug/L 99
40) 4-Methyl-2-pentanone	7.45	43	696540	89.858	ug/L 100

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42) Toluene	7.62	91	486133	10.729	ug/L	99
44) trans-1,3-Dichloropropene	7.86	75	140962	10.406	ug/L	100
45) 1,1,2-Trichloroethane	8.05	97	81194	10.027	ug/L	95
47) Tetrachloroethene	8.21	164	90581	9.674	ug/L	96
48) 2-Hexanone	8.35	43	509927	90.202	ug/L	99
49) Dibromochloromethane	8.46	129	101271	9.971	ug/L	98
50) 1,2-Dibromoethane	8.57	107	79285	10.203	ug/L	99
51) Chlorobenzene	9.10	112	303211	10.141	ug/L	99
52) Ethylbenzene	9.23	91	521449	10.524	ug/L	100
53) m,p-Xylene	9.36	106	199733	10.957	ug/L	95
54) o-Xylene	9.76	106	193920	10.936	ug/L	97
55) Styrene	9.77	104	340770	11.334	ug/L	99
56) Isopropylbenzene	10.15	105	513569	10.849	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.44	83	106434	10.247	ug/L	100
59) 1,2,3-Trichloropropane	10.48	75	74752	9.534	ug/L	100
61) Bromoform	9.94	173	55866	9.701	ug/L	98
62) 1,3-Dichlorobenzene	11.40	146	235427	9.836	ug/L	97
63) 1,4-Dichlorobenzene	11.49	146	244214	9.772	ug/L	99
65) 1,2-Dichlorobenzene	11.86	146	235286	10.043	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.64	75	16810	10.212	ug/L	96
67) 1,3,5-Trichlorobenzene	12.87	180	189642	10.141	ug/L	99
68) 1,2,4-trichlorobenzene	13.49	180	159964	11.738	ug/L	98
69) Naphthalene	13.73	128	281961	13.526	ug/L	99
70) 1,2,3-Trichlorobenzene	13.97	180	148682	11.430	ug/L	100

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

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