

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082019\
 Data File : VU033845.D
 Acq On : 20 Aug 2019 11:15
 Operator : JC/SP
 Sample : VSTD01002
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01002

Quant Time: Aug 21 05:11:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR082019WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 21 05:04:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	184723	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	195967	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	111802	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	155077	9.86	ug/L	0.00
7) Chloroethane-d5	1.67	69	137637	9.80	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.26	63	312099	9.88	ug/L	0.00
20) 2-Butanone-d5	4.17	46	325146	104.19	ug/L	0.00
24) Chloroform-d	4.62	84	260814	9.94	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.29	65	133406	9.42	ug/L	0.00
32) Benzene-d6	5.32	84	508129	10.36	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.31	67	156361	9.78	ug/L	0.00
41) Toluene-d8	7.55	98	489609	10.71	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.83	79	64355	10.47	ug/L	0.00
46) 2-Hexanone-d5	8.30	63	262706	119.84	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.41	84	135611	9.84	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.84	152	186295	9.60	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	166006	9.917 ug/L	99
3) Chloromethane	1.32	50	159596	9.819 ug/L	98
5) Vinyl chloride	1.39	62	179235	9.802 ug/L	99
6) Bromomethane	1.61	94	129985	10.855 ug/L	99
8) Chloroethane	1.68	64	107148	9.983 ug/L	98
9) Trichlorofluoromethane	1.87	101	229451	9.871 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	130517	9.699 ug/L	99
12) 1,1-Dichloroethene	2.27	96	124156	9.718 ug/L	94
13) Acetone	2.31	43	225806	94.643 ug/L	99
14) Carbon disulfide	2.46	76	423604	9.647 ug/L	98
15) Methyl Acetate	2.60	43	58019	9.706 ug/L	96
16) Methylene chloride	2.68	84	138438	9.233 ug/L	99
17) Methyl tert-butyl Ether	2.98	73	314586	9.814 ug/L	99
18) trans-1,2-Dichloroethene	2.96	96	134281	9.538 ug/L	98
19) 1,1-Dichloroethane	3.42	63	199442	9.770 ug/L	100
21) 2-Butanone	4.25	43	272397	106.472 ug/L	96
22) cis-1,2-Dichloroethene	4.20	96	114592	10.350 ug/L	95
23) Bromochloromethane	4.52	128	53295	9.956 ug/L	97
25) Chloroform	4.65	83	206976	8.968 ug/L	100
27) 1,2-Dichloroethane	5.38	62	132050	10.077 ug/L	97
29) 1,1,1-Trichloroethane	4.89	97	175364	9.873 ug/L	97
30) Cyclohexane	4.97	56	161106	10.740 ug/L	99
31) Carbon tetrachloride	5.11	117	155835	9.730 ug/L	100
33) Benzene	5.36	78	445561	10.361 ug/L	100
34) Trichloroethene	6.16	95	112057	9.713 ug/L	96
35) Methylcyclohexane	6.39	83	174284	10.810 ug/L	99
37) 1,2-Dichloropropane	6.41	63	116672	10.253 ug/L	99
38) Bromodichloromethane	6.74	83	144064	9.831 ug/L	99
39) cis-1,3-Dichloropropene	7.25	75	160610	10.682 ug/L	99
40) 4-Methyl-2-pentanone	7.45	43	655138	108.715 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.62	91	480044	10.898	ug/L	96
44) trans-1,3-Dichloropropene	7.86	75	131449	10.454	ug/L	100
45) 1,1,2-Trichloroethane	8.05	97	80485	9.883	ug/L	98
47) Tetrachloroethene	8.21	164	96007	10.144	ug/L	98
48) 2-Hexanone	8.35	43	487365	110.682	ug/L	100
49) Dibromochloromethane	8.46	129	101396	9.973	ug/L	96
50) 1,2-Dibromoethane	8.57	107	77286	9.929	ug/L #	98
51) Chlorobenzene	9.10	112	294113	10.096	ug/L	99
52) Ethylbenzene	9.23	91	483066	10.956	ug/L	100
53) m,p-Xylene	9.36	106	188998	11.419	ug/L	96
54) o-Xylene	9.76	106	178660	11.257	ug/L	99
55) Styrene	9.77	104	323885	11.774	ug/L	97
56) Isopropylbenzene	10.15	105	471286	11.476	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.44	83	101322	9.911	ug/L	96
59) 1,2,3-Trichloropropane	10.48	75	73862	9.906	ug/L	99
61) Bromoform	9.94	173	56749	9.189	ug/L	99
62) 1,3-Dichlorobenzene	11.40	146	244062	9.826	ug/L	97
63) 1,4-Dichlorobenzene	11.49	146	243966	9.553	ug/L	99
65) 1,2-Dichlorobenzene	11.86	146	233635	9.720	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.64	75	16627	9.779	ug/L	93
67) 1,3,5-Trichlorobenzene	12.87	180	186967	9.918	ug/L	99
68) 1,2,4-trichlorobenzene	13.49	180	148852	10.849	ug/L	99
69) Naphthalene	13.73	128	230059	12.253	ug/L	99
70) 1,2,3-Trichlorobenzene	13.97	180	148451	11.517	ug/L	98

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

