

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082619\
 Data File : VU033950.D
 Acq On : 26 Aug 2019 12:18
 Operator : JC/SP
 Sample : VSTD02004
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02004

Quant Time: Aug 27 01:25:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR082619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 27 01:19:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	264703	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	277087	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	155439	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	481999	21.15	ug/L	0.00
7) Chloroethane-d5	1.66	69	391624	19.42	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.26	63	929362	20.57	ug/L	0.00
20) 2-Butanone-d5	4.16	46	1285568	271.00	ug/L	-0.01
24) Chloroform-d	4.62	84	816219	21.49	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.28	65	428133	20.76	ug/L	0.00
32) Benzene-d6	5.31	84	1652064	23.32	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.31	67	521961	22.48	ug/L	0.00
41) Toluene-d8	7.54	98	1497808	22.90	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.83	79	215974	24.73	ug/L	0.00
46) 2-Hexanone-d5	8.29	63	1049301	318.90	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.41	84	448736	22.70	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.84	152	595686	21.98	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	641621	25.142 ug/L	99
3) Chloromethane	1.32	50	635747	25.538 ug/L	100
5) Vinyl chloride	1.39	62	668653	24.227 ug/L	100
6) Bromomethane	1.60	94	308050	18.195 ug/L	98
8) Chloroethane	1.68	64	382103	23.447 ug/L	98
9) Trichlorofluoromethane	1.87	101	755326	22.151 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	420938	21.369 ug/L	99
12) 1,1-Dichloroethene	2.27	96	404698	21.613 ug/L	99
13) Acetone	2.30	43	875658	239.870 ug/L	99
14) Carbon disulfide	2.46	76	1432480	22.104 ug/L	100
15) Methyl Acetate	2.60	43	242747	26.130 ug/L	98
16) Methylene chloride	2.68	84	449990	20.497 ug/L	99
17) Methyl tert-butyl Ether	2.98	73	1108318	23.208 ug/L	99
18) trans-1,2-Dichloroethene	2.96	96	437958	21.274 ug/L	99
19) 1,1-Dichloroethane	3.42	63	870764	27.214 ug/L	100
21) 2-Butanone	4.24	43	1448951	338.376 ug/L	98
22) cis-1,2-Dichloroethene	4.20	96	490964	28.646 ug/L	97
23) Bromochloromethane	4.52	128	214009	25.977 ug/L	99
25) Chloroform	4.65	83	827521	23.382 ug/L	100
27) 1,2-Dichloroethane	5.38	62	553559	26.923 ug/L	100
29) 1,1,1-Trichloroethane	4.89	97	694915	25.664 ug/L	99
30) Cyclohexane	4.96	56	804661	33.505 ug/L	99
31) Carbon tetrachloride	5.11	117	621246	25.589 ug/L	100
33) Benzene	5.36	78	1851519	27.776 ug/L	100
34) Trichloroethene	6.16	95	465546	26.526 ug/L	97
35) Methylcyclohexane	6.39	83	815245	32.438 ug/L	96
37) 1,2-Dichloropropane	6.41	63	491779	27.833 ug/L	99
38) Bromodichloromethane	6.73	83	601183	26.684 ug/L	100
39) cis-1,3-Dichloropropene	7.25	75	752294	32.199 ug/L	99
40) 4-Methyl-2-pentanone	7.44	43	3444124	343.905 ug/L	97

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42) Toluene	7.61	91	1956846	28.974	ug/L	98
44) trans-1,3-Dichloropropene	7.86	75	606909	30.948	ug/L	98
45) 1,1,2-Trichloroethane	8.05	97	339164	27.235	ug/L	99
47) Tetrachloroethene	8.21	164	370320	25.846	ug/L	99
48) 2-Hexanone	8.34	43	2480528	341.614	ug/L	99
49) Dibromochloromethane	8.46	129	403595	26.216	ug/L	97
50) 1,2-Dibromoethane	8.57	107	328702	27.497	ug/L	99
51) Chlorobenzene	9.10	112	1242573	27.888	ug/L	100
52) Ethylbenzene	9.23	91	2203820	32.170	ug/L	98
53) m,p-Xylene	9.35	106	829617	32.156	ug/L	98
54) o-Xylene	9.76	106	811598	32.763	ug/L	100
55) Styrene	9.77	104	1408120	32.665	ug/L	99
56) Isopropylbenzene	10.15	105	2162158	33.832	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.44	83	459437	28.883	ug/L	99
59) 1,2,3-Trichloropropane	10.48	75	334294	28.817	ug/L	99
61) Bromoform	9.94	173	242633	26.206	ug/L	99
62) 1,3-Dichlorobenzene	11.40	146	1031562	27.604	ug/L	99
63) 1,4-Dichlorobenzene	11.49	146	1029147	26.727	ug/L	99
65) 1,2-Dichlorobenzene	11.86	146	973240	26.982	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.64	75	78649	30.297	ug/L	96
67) 1,3,5-Trichlorobenzene	12.87	180	831841	29.210	ug/L	99
68) 1,2,4-trichlorobenzene	13.48	180	703783	33.617	ug/L	100
69) Naphthalene	13.73	128	1277471	41.070	ug/L	100
70) 1,2,3-Trichlorobenzene	13.97	180	658988	32.959	ug/L	98

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

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