

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U062719\
 Data File : VU033057.D
 Acq On : 27 Jun 2019 11:17
 Operator : JC/SP
 Sample : VSTD02005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02005

Quant Time: Jun 28 01:37:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 28 01:32:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	95535	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	98338	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	55552	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	127060	19.98	ug/L	0.00
7) Chloroethane-d5	1.67	69	103879	19.99	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	278735	20.20	ug/L	0.00
20) 2-Butanone-d5	4.18	46	420871	218.01	ug/L	0.00
24) Chloroform-d	4.64	84	264747	20.07	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.30	65	147408	19.53	ug/L	0.00
32) Benzene-d6	5.33	84	501140	20.58	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.32	67	160961	20.33	ug/L	0.00
41) Toluene-d8	7.56	98	487484	20.81	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.84	79	74351	22.43	ug/L	0.00
46) 2-Hexanone-d5	8.31	63	342219	248.61	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.42	84	146140	21.37	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.85	152	207241	19.71	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	192719	19.595	ug/L 98
3) Chloromethane	1.32	50	181076	19.547	ug/L 100
5) Vinyl chloride	1.40	62	181875	19.463	ug/L 99
6) Bromomethane	1.61	94	100640	20.546	ug/L 99
8) Chloroethane	1.68	64	106372	19.648	ug/L 99
9) Trichlorofluoromethane	1.88	101	262143	19.795	ug/L 96
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	133882	19.535	ug/L 99
12) 1,1-Dichloroethene	2.28	96	124229	19.536	ug/L 98
13) Acetone	2.32	43	306828	188.602	ug/L 98
14) Carbon disulfide	2.47	76	411035	19.427	ug/L 99
15) Methyl Acetate	2.61	43	72213	19.188	ug/L 99
16) Methylene chloride	2.69	84	136421	18.709	ug/L 98
17) Methyl tert-butyl Ether	3.00	73	354246	19.857	ug/L 100
18) trans-1,2-Dichloroethene	2.97	96	134679	19.348	ug/L 97
19) 1,1-Dichloroethane	3.43	63	268153	19.602	ug/L 98
21) 2-Butanone	4.27	43	467382	204.091	ug/L 99
22) cis-1,2-Dichloroethene	4.21	96	153499	20.300	ug/L 97
23) Bromochloromethane	4.54	128	68364	20.376	ug/L 99
25) Chloroform	4.67	83	275557	19.820	ug/L 97
27) 1,2-Dichloroethane	5.40	62	192057	20.172	ug/L 97
29) 1,1,1-Trichloroethane	4.90	97	243850	19.518	ug/L 99
30) Cyclohexane	4.98	56	241458	20.860	ug/L 99
31) Carbon tetrachloride	5.12	117	223607	19.672	ug/L 98
33) Benzene	5.38	78	573737	19.790	ug/L 100
34) Trichloroethene	6.18	95	154786	19.496	ug/L 99
35) Methylcyclohexane	6.40	83	251830	21.304	ug/L 97
37) 1,2-Dichloropropane	6.42	63	154172	19.829	ug/L 98
38) Bromodichloromethane	6.75	83	200608	19.569	ug/L 100
39) cis-1,3-Dichloropropene	7.26	75	240578	21.222	ug/L 98
40) 4-Methyl-2-pentanone	7.46	43	1150033	214.608	ug/L 99

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42) Toluene	7.63	91	636285	20.546	ug/L	100
44) trans-1,3-Dichloropropene	7.87	75	200098	21.658	ug/L	99
45) 1,1,2-Trichloroethane	8.06	97	108339	19.871	ug/L	99
47) Tetrachloroethene	8.22	164	130679	20.461	ug/L	98
48) 2-Hexanone	8.36	43	841859	219.538	ug/L	99
49) Dibromochloromethane	8.47	129	145380	21.017	ug/L	99
50) 1,2-Dibromoethane	8.58	107	108737	20.457	ug/L	99
51) Chlorobenzene	9.11	112	407839	19.934	ug/L	99
52) Ethylbenzene	9.24	91	726785	21.317	ug/L	99
53) m,p-Xylene	9.37	106	272565	22.025	ug/L	100
54) o-Xylene	9.77	106	268008	22.221	ug/L	99
55) Styrene	9.78	104	467841	22.916	ug/L	98
56) Isopropylbenzene	10.16	105	731191	22.333	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.45	83	147816	20.900	ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	108249	20.804	ug/L	100
61) Bromoform	9.95	173	87335	20.653	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	349708	20.132	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	356071	19.646	ug/L	98
65) 1,2-Dichlorobenzene	11.87	146	339512	20.150	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	27015	23.315	ug/L	98
67) 1,3,5-Trichlorobenzene	12.88	180	285198	20.598	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	246350	24.896	ug/L	96
69) Naphthalene	13.74	128	416428	31.568	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	226624	23.358	ug/L	97

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

