

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062719\
 Data File : VU033055.D
 Acq On : 27 Jun 2019 10:29
 Operator : JC/SP
 Sample : VSTD00503
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00503

Quant Time: Jun 28 01:36:17 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	91815	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	92087	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	50163	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	29929	4.90	ug/L	0.00
7) Chloroethane-d5	1.68	69	25734	5.15	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	67433	5.09	ug/L	0.00
20) 2-Butanone-d5	4.19	46	98560	53.12	ug/L	0.00
24) Chloroform-d	4.64	84	63713	5.02	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.30	65	36670	5.06	ug/L	0.00
32) Benzene-d6	5.33	84	118594	5.20	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.32	67	38381	5.18	ug/L	0.00
41) Toluene-d8	7.56	98	114819	5.23	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	16530	5.33	ug/L	0.00
46) 2-Hexanone-d5	8.31	63	69871	54.20	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.42	84	33558	5.24	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	47238	4.98	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	47807	5.058	ug/L 100
3) Chloromethane	1.33	50	43045	4.835	ug/L 100
5) Vinyl chloride	1.40	62	43691	4.865	ug/L 100
6) Bromomethane	1.62	94	22602	4.801	ug/L 100
8) Chloroethane	1.69	64	25567	4.914	ug/L 100
9) Trichlorofluoromethane	1.88	101	64703	5.084	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	33238	5.046	ug/L 100
12) 1,1-Dichloroethene	2.28	96	30352	4.966	ug/L 100
13) Acetone	2.32	43	76445	48.893	ug/L 100
14) Carbon disulfide	2.47	76	100213	4.928	ug/L 100
15) Methyl Acetate	2.61	43	17962	4.966	ug/L 100
16) Methylene chloride	2.69	84	33936	4.843	ug/L 100
17) Methyl tert-butyl Ether	3.00	73	86434	5.041	ug/L 100
18) trans-1,2-Dichloroethene	2.97	96	32604	4.874	ug/L 100
19) 1,1-Dichloroethane	3.43	63	65317	4.968	ug/L 100
21) 2-Butanone	4.27	43	111576	50.696	ug/L 100
22) cis-1,2-Dichloroethene	4.22	96	35901	4.940	ug/L 100
23) Bromochloromethane	4.54	128	17000	5.272	ug/L 100
25) Chloroform	4.67	83	66506	4.977	ug/L 100
27) 1,2-Dichloroethane	5.40	62	45325	4.953	ug/L 100
29) 1,1,1-Trichloroethane	4.90	97	58625	5.011	ug/L 100
30) Cyclohexane	4.98	56	54691	5.045	ug/L 100
31) Carbon tetrachloride	5.12	117	53662	5.041	ug/L 100
33) Benzene	5.38	78	138245	5.092	ug/L 100
34) Trichloroethene	6.18	95	37694	5.070	ug/L 100
35) Methylcyclohexane	6.41	83	54314	4.907	ug/L 100
37) 1,2-Dichloropropane	6.43	63	37405	5.138	ug/L 100
38) Bromodichloromethane	6.75	83	48634	5.066	ug/L 100
39) cis-1,3-Dichloropropene	7.26	75	52180	4.915	ug/L 100
40) 4-Methyl-2-pentanone	7.46	43	258931	51.599	ug/L 100

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42) Toluene	7.63	91	149459	5.154	ug/L	100
44) trans-1,3-Dichloropropene	7.87	75	45144	5.218	ug/L	100
45) 1,1,2-Trichloroethane	8.06	97	25690	5.032	ug/L	100
47) Tetrachloroethene	8.22	164	30887	5.164	ug/L	100
48) 2-Hexanone	8.36	43	188815	52.581	ug/L	100
49) Dibromochloromethane	8.47	129	33128	5.114	ug/L	100
50) 1,2-Dibromoethane	8.58	107	25501	5.123	ug/L	100
51) Chlorobenzene	9.11	112	94865	4.952	ug/L	100
52) Ethylbenzene	9.24	91	160405	5.024	ug/L	100
53) m,p-Xylene	9.37	106	59762	5.157	ug/L	100
54) o-Xylene	9.77	106	58476	5.178	ug/L	100
55) Styrene	9.79	104	100179	5.240	ug/L	100
56) Isopropylbenzene	10.16	105	154890	5.052	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.45	83	33915	5.121	ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	25048	5.141	ug/L	100
61) Bromoform	9.95	173	19253	5.042	ug/L	100
62) 1,3-Dichlorobenzene	11.41	146	77981	4.971	ug/L	100
63) 1,4-Dichlorobenzene	11.50	146	78647	4.805	ug/L	100
65) 1,2-Dichlorobenzene	11.87	146	76038	4.998	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.65	75	5605	5.357	ug/L	100
67) 1,3,5-Trichlorobenzene	12.88	180	63435	5.074	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	48202	5.395	ug/L	100
69) Naphthalene	13.74	128	65075	5.463	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	46670	5.327	ug/L	100

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

