

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062920\
 Data File : VU039180.D
 Acq On : 29 Jun 2020 09:58
 Operator : SY/MD
 Sample : VSTD00103
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00103

Quant Time: Jun 29 10:42:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 29 10:40:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	238150	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	236417	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	112627	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	22511	1.29	ug/L	0.00
7) Chloroethane-d5	1.93	69	18016	1.25	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	41493	1.24	ug/L	0.00
20) 2-Butanone-d5	4.68	46	66446	10.56	ug/L	0.00
24) Chloroform-d	5.10	84	39866	1.16	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	27137	1.29	ug/L	0.00
32) Benzene-d6	5.76	84	74254	1.13	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	24253	1.10	ug/L	0.00
41) Toluene-d8	7.92	98	64670	1.18	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	10284	1.07	ug/L	0.00
46) 2-Hexanone-d5	8.66	63	42658	8.63	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	20370	0.99	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.20	152	26275	1.25	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	24428	1.146	ug/L 94
3) Chloromethane	1.53	50	26675	1.163	ug/L 94
5) Vinyl chloride	1.62	62	25558	1.105	ug/L 99
6) Bromomethane	1.88	94	13054	1.048	ug/L 93
8) Chloroethane	1.95	64	15419	1.106	ug/L 93
9) Trichlorofluoromethane	2.16	101	34024	1.149	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	19426	1.127	ug/L 99
12) 1,1-Dichloroethene	2.61	96	18113	1.098	ug/L 96
13) Acetone	2.68	43	38777	9.073	ug/L 67
14) Carbon disulfide	2.82	76	64334	1.170	ug/L 97
15) Methyl Acetate	2.99	43	11202	1.104	ug/L 98
16) Methylene chloride	3.08	84	21423	1.053	ug/L 98
17) Methyl tert-butyl Ether	3.40	73	46885	0.999	ug/L 100
18) trans-1,2-Dichloroethene	3.39	96	19463	1.103	ug/L 98
19) 1,1-Dichloroethane	3.91	63	36818	1.049	ug/L 99
21) 2-Butanone	4.76	43	65261	10.043	ug/L 80
22) cis-1,2-Dichloroethene	4.71	96	19395	1.018	ug/L 90
23) Bromochloromethane	5.02	128	9182	1.048	ug/L 95
25) Chloroform	5.12	83	36317	1.030	ug/L 100
27) 1,2-Dichloroethane	5.83	62	28028	1.116	ug/L 99
29) 1,1,1-Trichloroethane	5.35	97	33875	1.148	ug/L 96
30) Cyclohexane	5.42	56	28855	1.051	ug/L 98
31) Carbon tetrachloride	5.56	117	27553	1.121	ug/L 97
33) Benzene	5.81	78	77092	1.038	ug/L 100
34) Trichloroethene	6.57	95	20291	1.129	ug/L 92
35) Methylcyclohexane	6.79	83	27706	1.039	ug/L 98
37) 1,2-Dichloropropane	6.82	63	20970	1.042	ug/L 100
38) Bromodichloromethane	7.13	83	25689	1.024	ug/L 99
39) cis-1,3-Dichloropropene	7.63	75	27312	0.979	ug/L 98
40) 4-Methyl-2-pentanone	7.82	43	140058	9.325	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	7.99	91	75042	1.018	ug/L	99
44) trans-1,3-Dichloropropene	8.23	75	26180	1.003	ug/L	91
45) 1,1,2-Trichloroethane	8.42	97	15430	1.032	ug/L	97
47) Tetrachloroethene	8.57	164	14404	1.112	ug/L	98
48) 2-Hexanone	8.71	43	106452	9.667	ug/L	99
49) Dibromochloromethane	8.83	129	17834	1.097	ug/L	98
50) 1,2-Dibromoethane	8.94	107	14888	1.053	ug/L #	96
51) Chlorobenzene	9.46	112	49102	1.058	ug/L	99
52) Ethylbenzene	9.59	91	78755	1.016	ug/L	97
53) m,p-Xylene	9.71	106	27892	0.979	ug/L	88
54) o-Xylene	10.11	106	26476	0.967	ug/L	98
55) Styrene	10.13	104	45081	0.938	ug/L	99
56) Isopropylbenzene	10.50	105	68693	0.958	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	17467	0.873	ug/L #	99
59) 1,2,3-Trichloropropane	10.84	75	14863	0.980	ug/L	100
61) Bromoform	10.30	173	9310	1.012	ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	35218	1.052	ug/L	97
63) 1,4-Dichlorobenzene	11.85	146	36996	1.073	ug/L	98
65) 1,2-Dichlorobenzene	12.22	146	38600	1.150	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.01	75	3653	0.986	ug/L	87
67) 1,3,5-Trichlorobenzene	13.24	180	26820	1.082	ug/L	97
68) 1,2,4-trichlorobenzene	13.87	180	22535	0.998	ug/L	95
69) Naphthalene	14.11	128	35288	0.733	ug/L	98
70) 1,2,3-Trichlorobenzene	14.36	180	20259	0.930	ug/L	93

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

