

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061320\
 Data File : VU038839.D
 Acq On : 12 Jun 2020 09:33
 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 12 10:36:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 12 10:34:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	324079	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	322925	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	160826	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	18610	0.89	ug/L	0.00
7) Chloroethane-d5	1.93	69	15125	0.94	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.60	63	41777	1.01	ug/L	0.00
20) 2-Butanone-d5	4.68	46	56124	8.81	ug/L	0.00
24) Chloroform-d	5.10	84	40339	1.02	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	23670	1.06	ug/L	0.00
32) Benzene-d6	5.76	84	79058	0.98	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	22751	0.92	ug/L	0.00
41) Toluene-d8	7.92	98	70165	0.97	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	9755	0.91	ug/L	0.00
46) 2-Hexanone-d5	8.66	63	42375	8.05	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	19939	0.95	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.20	152	27873	1.00	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	33498	1.311 ug/L	100
3) Chloromethane	1.53	50	28043	1.195 ug/L	98
5) Vinyl chloride	1.62	62	28299	1.126 ug/L	96
6) Bromomethane	1.88	94	16429	1.346 ug/L	98
8) Chloroethane	1.95	64	18434	1.224 ug/L	100
9) Trichlorofluoromethane	2.16	101	43698	1.311 ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	25108	1.279 ug/L	99
12) 1,1-Dichloroethene	2.60	96	23863	1.196 ug/L	99
13) Acetone	2.69	43	48687	11.676 ug/L	100
14) Carbon disulfide	2.82	76	81544	1.204 ug/L	99
15) Methyl Acetate	2.99	43	11847	1.160 ug/L	98
16) Methylene chloride	3.08	84	27463	1.216 ug/L	96
17) Methyl tert-butyl Ether	3.40	73	59853	1.144 ug/L	99
18) trans-1,2-Dichloroethene	3.38	96	26288	1.222 ug/L	99
19) 1,1-Dichloroethane	3.91	63	45309	1.177 ug/L	98
21) 2-Butanone	4.76	43	75165	10.717 ug/L	98
22) cis-1,2-Dichloroethene	4.71	96	26642	1.150 ug/L	91
23) Bromochloromethane	5.01	128	12503	1.200 ug/L	93
25) Chloroform	5.13	83	48500	1.240 ug/L	95
27) 1,2-Dichloroethane	5.83	62	33045	1.200 ug/L	92
29) 1,1,1-Trichloroethane	5.35	97	42951	1.257 ug/L	99
30) Cyclohexane	5.42	56	40097	1.119 ug/L	99
31) Carbon tetrachloride	5.56	117	36056	1.267 ug/L	98
33) Benzene	5.81	78	102565	1.139 ug/L	100
34) Trichloroethene	6.57	95	26426	1.131 ug/L	98
35) Methylcyclohexane	6.79	83	39030	1.079 ug/L	99
37) 1,2-Dichloropropane	6.82	63	25093	1.107 ug/L	97
38) Bromodichloromethane	7.13	83	33444	1.188 ug/L	100
39) cis-1,3-Dichloropropene	7.63	75	35545	1.061 ug/L	98
40) 4-Methyl-2-pentanone	7.82	43	164476	10.150 ug/L	98

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

42) Toluene	7.99	91	104344	1.105	ug/L	100
44) trans-1,3-Dichloropropene	8.23	75	31602	1.068	ug/L	94
45) 1,1,2-Trichloroethane	8.42	97	19214	1.124	ug/L	95
47) Tetrachloroethene	8.57	164	20890	1.230	ug/L	94
48) 2-Hexanone	8.71	43	126334	10.294	ug/L	98
49) Dibromochloromethane	8.83	129	21044	1.140	ug/L	94
50) 1,2-Dibromoethane	8.94	107	19190	1.172	ug/L #	95
51) Chlorobenzene	9.47	112	68855	1.130	ug/L	98
52) Ethylbenzene	9.59	91	112129	1.067	ug/L	98
53) m,p-Xylene	9.71	106	41612	1.030	ug/L	98
54) o-Xylene	10.11	106	40423	1.042	ug/L	98
55) Styrene	10.13	104	67040	1.018	ug/L	97
56) Isopropylbenzene	10.50	105	108849	1.066	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	23531	1.083	ug/L	93
59) 1,2,3-Trichloropropane	10.84	75	19049	1.126	ug/L	99
61) Bromoform	10.31	173	11926	1.190	ug/L	98
62) 1,3-Dichlorobenzene	11.76	146	54548	1.154	ug/L	95
63) 1,4-Dichlorobenzene	11.85	146	56911	1.188	ug/L	99
65) 1,2-Dichlorobenzene	12.22	146	51054	1.138	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.01	75	4184	1.152	ug/L	90
67) 1,3,5-Trichlorobenzene	13.24	180	38639	1.096	ug/L	95
68) 1,2,4-trichlorobenzene	13.87	180	33354	1.022	ug/L	98
69) Naphthalene	14.11	128	59549	0.917	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	30041	1.012	ug/L	94

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

