

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061520\
 Data File : VU038886.D
 Acq On : 15 Jun 2020 12:12
 Operator : SY/MD
 Sample : VSTD0.503
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.503

Quant Time: Jun 15 13:41:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061520WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 15 13:39:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	330387	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	330431	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	164832	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	9374	0.52	ug/L	0.00
7) Chloroethane-d5	1.93	69	10055	0.70	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.60	63	22476	0.55	ug/L	0.00
20) 2-Butanone-d5	4.69	46	32728	5.79	ug/L	0.00
24) Chloroform-d	5.10	84	22234	0.56	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	13460	0.60	ug/L	0.00
32) Benzene-d6	5.76	84	39698	0.51	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.73	67	13646	0.59	ug/L	0.00
41) Toluene-d8	7.92	98	37432	0.53	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	5814	0.57	ug/L	0.00
46) 2-Hexanone-d5	8.66	63	24307	5.33	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	12802	0.63	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.21	152	17699	0.66	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	18070	0.561 ug/L	97
3) Chloromethane	1.53	50	14722	0.555 ug/L	94
5) Vinyl chloride	1.62	62	14877	0.527 ug/L	99
6) Bromomethane	1.87	94	10040	0.620 ug/L	96
8) Chloroethane	1.95	64	13041	0.749 ug/L	96
9) Trichlorofluoromethane	2.16	101	27479	0.656 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	13485	0.563 ug/L	94
12) 1,1-Dichloroethene	2.60	96	12475	0.539 ug/L	93
13) Acetone	2.68	43	27229	5.939 ug/L	75
14) Carbon disulfide	2.82	76	41679	0.529 ug/L	98
15) Methyl Acetate	2.99	43	6202	0.554 ug/L #	88
16) Methylene chloride	3.08	84	15784	0.593 ug/L	94
17) Methyl tert-butyl Ether	3.40	73	29064	0.488 ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	13184	0.531 ug/L	97
19) 1,1-Dichloroethane	3.91	63	23789	0.532 ug/L	94
21) 2-Butanone	4.76	43	41368	5.493 ug/L	92
22) cis-1,2-Dichloroethene	4.71	96	13093	0.506 ug/L	96
23) Bromochloromethane	5.02	128	6330	0.522 ug/L	90
25) Chloroform	5.12	83	25421	0.551 ug/L	90
27) 1,2-Dichloroethane	5.83	62	17892	0.557 ug/L	95
29) 1,1,1-Trichloroethane	5.35	97	22042	0.541 ug/L	99
30) Cyclohexane	5.42	56	18157	0.459 ug/L	99
31) Carbon tetrachloride	5.56	117	18675	0.543 ug/L	99
33) Benzene	5.81	78	51364	0.514 ug/L	100
34) Trichloroethene	6.57	95	13507	0.518 ug/L	95
35) Methylcyclohexane	6.79	83	19138	0.472 ug/L	98
37) 1,2-Dichloropropane	6.82	63	13564	0.539 ug/L #	97
38) Bromodichloromethane	7.13	83	17258	0.529 ug/L	95
39) cis-1,3-Dichloropropene	7.63	75	17003	0.456 ug/L	98
40) 4-Methyl-2-pentanone	7.82	43	80241	4.767 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.00	91	50811	0.482	ug/L	97
44) trans-1,3-Dichloropropene	8.23	75	16087	0.484	ug/L	98
45) 1,1,2-Trichloroethane	8.43	97	10078	0.525	ug/L	93
47) Tetrachloroethene	8.57	164	10590	0.528	ug/L	98
48) 2-Hexanone	8.71	43	63617	4.920	ug/L	98
49) Dibromochloromethane	8.83	129	10998	0.514	ug/L	95
50) 1,2-Dibromoethane	8.95	107	9530	0.509	ug/L	98
51) Chlorobenzene	9.47	112	36136	0.532	ug/L	97
52) Ethylbenzene	9.59	91	53342	0.459	ug/L	98
53) m,p-Xylene	9.71	106	20113	0.458	ug/L	86
54) o-Xylene	10.12	106	19539	0.464	ug/L	96
55) Styrene	10.13	104	30740	0.424	ug/L	95
56) Isopropylbenzene	10.50	105	49229	0.437	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.80	83	12335	0.517	ug/L	98
59) 1,2,3-Trichloropropane	10.84	75	10122	0.542	ug/L	95
61) Bromoform	10.31	173	6503	0.548	ug/L #	89
62) 1,3-Dichlorobenzene	11.76	146	27416	0.515	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	28206	0.520	ug/L	97
65) 1,2-Dichlorobenzene	12.22	146	25371	0.507	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.02	75	2175	0.536	ug/L	90
67) 1,3,5-Trichlorobenzene	13.24	180	19336	0.496	ug/L	98
68) 1,2,4-trichlorobenzene	13.87	180	15231	0.442	ug/L	95
69) Naphthalene	14.12	128	24949	0.381	ug/L	98
70) 1,2,3-Trichlorobenzene	14.37	180	14319	0.454	ug/L	96

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

