

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061320\
 Data File : VU038838.D
 Acq On : 12 Jun 2020 09:10
 Operator : SY/MD
 Sample : VSTD0.502
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.502

Quant Time: Jun 12 10:35:51 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	352048	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	352421	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	171685	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	9530	0.42	ug/L	0.00
7) Chloroethane-d5	1.93	69	7558	0.43	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	21349	0.48	ug/L	0.00
20) 2-Butanone-d5	4.68	46	27044	3.91	ug/L	0.00
24) Chloroform-d	5.10	84	20573	0.48	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	12088	0.50	ug/L	0.00
32) Benzene-d6	5.76	84	37942	0.43	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	11693	0.43	ug/L	0.00
41) Toluene-d8	7.93	98	33884	0.43	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	4843	0.42	ug/L	0.00
46) 2-Hexanone-d5	8.66	63	19982	3.48	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	10764	0.47	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.21	152	13670	0.46	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	17673	0.637 ug/L	99
3) Chloromethane	1.53	50	14948	0.587 ug/L	100
5) Vinyl chloride	1.62	62	15696	0.575 ug/L	94
6) Bromomethane	1.88	94	8527	0.643 ug/L	96
8) Chloroethane	1.95	64	10604	0.648 ug/L	100
9) Trichlorofluoromethane	2.16	101	22600	0.624 ug/L	93
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	12877	0.604 ug/L	97
12) 1,1-Dichloroethene	2.60	96	12822	0.591 ug/L	91
13) Acetone	2.68	43	24596	5.430 ug/L	94
14) Carbon disulfide	2.82	76	43048	0.585 ug/L	97
15) Methyl Acetate	2.99	43	5962	0.537 ug/L #	76
16) Methylene chloride	3.08	84	16580	0.676 ug/L	96
17) Methyl tert-butyl Ether	3.40	73	30470	0.536 ug/L	98
18) trans-1,2-Dichloroethene	3.39	96	13540	0.579 ug/L	94
19) 1,1-Dichloroethane	3.91	63	24923	0.596 ug/L	99
21) 2-Butanone	4.76	43	38958	5.113 ug/L	99
22) cis-1,2-Dichloroethene	4.71	96	13656	0.543 ug/L	100
23) Bromochloromethane	5.01	128	6787	0.599 ug/L	94
25) Chloroform	5.13	83	25413	0.598 ug/L	89
27) 1,2-Dichloroethane	5.83	62	17809	0.596 ug/L	100
29) 1,1,1-Trichloroethane	5.35	97	21535	0.577 ug/L	98
30) Cyclohexane	5.42	56	19736	0.505 ug/L	97
31) Carbon tetrachloride	5.56	117	17894	0.576 ug/L	98
33) Benzene	5.81	78	52875	0.538 ug/L	100
34) Trichloroethene	6.57	95	14153	0.555 ug/L	91
35) Methylcyclohexane	6.79	83	21313	0.540 ug/L	97
37) 1,2-Dichloropropane	6.82	63	13708	0.554 ug/L	100
38) Bromodichloromethane	7.13	83	17504	0.570 ug/L	99
39) cis-1,3-Dichloropropene	7.64	75	18606	0.509 ug/L	97
40) 4-Methyl-2-pentanone	7.82	43	84928	4.802 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.00	91	54378	0.528	ug/L	97
44) trans-1,3-Dichloropropene	8.24	75	16725	0.518	ug/L	98
45) 1,1,2-Trichloroethane	8.43	97	10471	0.561	ug/L	98
47) Tetrachloroethene	8.57	164	11263	0.608	ug/L	92
48) 2-Hexanone	8.71	43	65570	4.896	ug/L	97
49) Dibromochloromethane	8.84	129	10655	0.529	ug/L	96
50) 1,2-Dibromoethane	8.95	107	10119	0.566	ug/L #	99
51) Chlorobenzene	9.47	112	36454	0.548	ug/L	99
52) Ethylbenzene	9.59	91	60174	0.525	ug/L	98
53) m,p-Xylene	9.71	106	21271	0.482	ug/L	98
54) o-Xylene	10.12	106	20016	0.473	ug/L	94
55) Styrene	10.13	104	33290	0.463	ug/L	98
56) Isopropylbenzene	10.50	105	54202	0.486	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	13153	0.555	ug/L	87
59) 1,2,3-Trichloropropane	10.84	75	10222	0.554	ug/L	97
61) Bromoform	10.31	173	6229	0.582	ug/L #	99
62) 1,3-Dichlorobenzene	11.76	146	28718	0.569	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	29408	0.575	ug/L	97
65) 1,2-Dichlorobenzene	12.23	146	26636	0.556	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	2094	0.540	ug/L	84
67) 1,3,5-Trichlorobenzene	13.25	180	20755	0.551	ug/L	97
68) 1,2,4-trichlorobenzene	13.88	180	17280	0.496	ug/L	97
69) Naphthalene	14.12	128	30341	0.438	ug/L	98
70) 1,2,3-Trichlorobenzene	14.37	180	15433	0.487	ug/L	98

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

