

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072120\
 Data File : VU039589.D
 Acq On : 21 Jul 2020 10:31
 Operator : SY/MD
 Sample : VSTD01003
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01003

Quant Time: Jul 21 11:02:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 21 10:59:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	125669	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	125886	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	63723	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	53249	7.91	ug/L	0.00
7) Chloroethane-d5	1.93	69	57663	8.05	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	63	132375	9.62	ug/L	0.00
20) 2-Butanone-d5	4.66	46	268696	86.60	ug/L	0.00
24) Chloroform-d	5.08	84	148943	9.93	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	94139	9.91	ug/L	0.00
32) Benzene-d6	5.74	84	291024	9.96	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	93860	9.20	ug/L	0.00
41) Toluene-d8	7.91	98	277898	10.75	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	44687	9.90	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	222869	86.04	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.76	84	91368	9.00	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.19	152	112395	10.10	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	63986	8.755	ug/L 96
3) Chloromethane	1.53	50	67397	7.724	ug/L 98
5) Vinyl chloride	1.61	62	73813	7.660	ug/L 97
6) Bromomethane	1.87	94	47771	10.582	ug/L 93
8) Chloroethane	1.94	64	58851	8.213	ug/L 97
9) Trichlorofluoromethane	2.15	101	171589	9.834	ug/L 97
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	70510	9.878	ug/L 96
12) 1,1-Dichloroethene	2.59	96	63926	8.927	ug/L 98
13) Acetone	2.66	43	157643	90.045	ug/L 97
14) Carbon disulfide	2.81	76	189486	7.649	ug/L 99
15) Methyl Acetate	2.97	43	38829	8.481	ug/L 96
16) Methylene chloride	3.06	84	78827	8.623	ug/L 98
17) Methyl tert-butyl Ether	3.38	73	208563	9.101	ug/L 99
18) trans-1,2-Dichloroethene	3.37	96	71570	8.960	ug/L 95
19) 1,1-Dichloroethane	3.89	63	143837	9.006	ug/L 99
21) 2-Butanone	4.74	43	280295	90.281	ug/L 97
22) cis-1,2-Dichloroethene	4.69	96	82098	9.042	ug/L 100
23) Bromochloromethane	5.00	128	38978	9.468	ug/L 98
25) Chloroform	5.11	83	159950	9.828	ug/L 99
27) 1,2-Dichloroethane	5.81	62	115641	9.888	ug/L 98
29) 1,1,1-Trichloroethane	5.34	97	140467	9.615	ug/L 98
30) Cyclohexane	5.41	56	125151	8.461	ug/L 96
31) Carbon tetrachloride	5.55	117	117460	9.456	ug/L 98
33) Benzene	5.79	78	323613	8.878	ug/L 100
34) Trichloroethene	6.56	95	87032	9.202	ug/L 97
35) Methylcyclohexane	6.78	83	133085	8.937	ug/L 99
37) 1,2-Dichloropropane	6.81	63	89456	8.992	ug/L 100
38) Bromodichloromethane	7.12	83	122663	9.599	ug/L 99
39) cis-1,3-Dichloropropene	7.62	75	136260	9.097	ug/L 99
40) 4-Methyl-2-pentanone	7.80	43	725547	88.077	ug/L 100

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42) Toluene	7.98	91	360306	9.191	ug/L	96
44) trans-1,3-Dichloropropene	8.22	75	125882	9.474	ug/L	97
45) 1,1,2-Trichloroethane	8.41	97	70781	9.878	ug/L	95
47) Tetrachloroethene	8.56	164	62817	9.478	ug/L	93
48) 2-Hexanone	8.69	43	538029	88.820	ug/L	99
49) Dibromochloromethane	8.82	129	86745	9.912	ug/L	100
50) 1,2-Dibromoethane	8.93	107	69654	9.594	ug/L	96
51) Chlorobenzene	9.45	112	229376	9.505	ug/L	99
52) Ethylbenzene	9.57	91	412949	9.487	ug/L	99
53) m,p-Xylene	9.70	106	153366	9.339	ug/L	95
54) o-Xylene	10.10	106	151469	9.449	ug/L	97
55) Styrene	10.11	104	262777	9.414	ug/L	100
56) Isopropylbenzene	10.48	105	416365	9.593	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	92051	9.205	ug/L	97
59) 1,2,3-Trichloropropane	10.82	75	67931	9.177	ug/L	98
61) Bromoform	10.29	173	52016	9.949	ug/L	95
62) 1,3-Dichlorobenzene	11.74	146	185115	9.466	ug/L	96
63) 1,4-Dichlorobenzene	11.83	146	187040	9.512	ug/L	99
65) 1,2-Dichlorobenzene	12.21	146	182910	9.348	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.99	75	16948	9.914	ug/L #	86
67) 1,3,5-Trichlorobenzene	13.21	180	138242	9.453	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	122300	9.880	ug/L	97
69) Naphthalene	14.08	128	228018	9.344	ug/L	100
70) 1,2,3-Trichlorobenzene	14.32	180	112090	9.851	ug/L	96

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

