

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070720\
 Data File : VU039314.D
 Acq On : 07 Jul 2020 14:12
 Operator : SY/MD
 Sample : VSTD01002
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01002

Quant Time: Jul 07 14:46:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 07 14:10:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	123136	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	118280	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	57296	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	71190	7.52	ug/L	0.00
7) Chloroethane-d5	1.93	69	76683	8.47	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	63	139337	7.91	ug/L	0.00
20) 2-Butanone-d5	4.65	46	342317	95.91	ug/L	0.00
24) Chloroform-d	5.09	84	156246	8.62	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	97222	8.66	ug/L	0.00
32) Benzene-d6	5.74	84	288293	7.94	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.71	67	101087	8.36	ug/L	0.00
41) Toluene-d8	7.91	98	250448	7.48	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	45895	8.21	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	271958	92.26	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.76	84	100163	8.68	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.19	152	102813	7.95	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	69392	9.910 ug/L	98
3) Chloromethane	1.53	50	80800	9.055 ug/L	98
5) Vinyl chloride	1.61	62	93714	10.215 ug/L	99
6) Bromomethane	1.87	94	42459	7.549 ug/L	96
8) Chloroethane	1.94	64	71574	11.399 ug/L	100
9) Trichlorofluoromethane	2.15	101	173072	10.786 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	68059	9.727 ug/L	100
12) 1,1-Dichloroethene	2.59	96	68376	9.803 ug/L	94
13) Acetone	2.66	43	163977	97.096 ug/L	100
14) Carbon disulfide	2.81	76	238841	10.739 ug/L	98
15) Methyl Acetate	2.97	43	41193	9.749 ug/L	99
16) Methylene chloride	3.06	84	80478	9.059 ug/L	97
17) Methyl tert-butyl Ether	3.38	73	217590	9.483 ug/L	98
18) trans-1,2-Dichloroethene	3.37	96	76039	10.027 ug/L	94
19) 1,1-Dichloroethane	3.89	63	147752	9.724 ug/L	97
21) 2-Butanone	4.74	43	296679	96.520 ug/L	100
22) cis-1,2-Dichloroethene	4.69	96	84164	9.740 ug/L	99
23) Bromochloromethane	5.00	128	39476	10.139 ug/L	95
25) Chloroform	5.11	83	151258	9.557 ug/L	100
27) 1,2-Dichloroethane	5.81	62	110855	9.721 ug/L	100
29) 1,1,1-Trichloroethane	5.34	97	132029	9.719 ug/L	98
30) Cyclohexane	5.41	56	135388	9.950 ug/L	99
31) Carbon tetrachloride	5.55	117	110060	9.635 ug/L	100
33) Benzene	5.79	78	327220	9.816 ug/L	100
34) Trichloroethene	6.56	95	85089	9.900 ug/L	98
35) Methylcyclohexane	6.77	83	137361	9.980 ug/L	98
37) 1,2-Dichloropropane	6.81	63	89993	9.677 ug/L	99
38) Bromodichloromethane	7.12	83	114699	9.460 ug/L	99
39) cis-1,3-Dichloropropene	7.62	75	138708	9.594 ug/L	99
40) 4-Methyl-2-pentanone	7.80	43	741420	94.200 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.98	91	352475	9.714	ug/L	99
44) trans-1,3-Dichloropropene	8.22	75	124988	9.600	ug/L	96
45) 1,1,2-Trichloroethane	8.41	97	65789	9.511	ug/L	95
47) Tetrachloroethene	8.56	164	59418	9.837	ug/L	97
48) 2-Hexanone	8.69	43	551401	94.201	ug/L	99
49) Dibromochloromethane	8.82	129	80162	9.230	ug/L	99
50) 1,2-Dibromoethane	8.93	107	66097	9.504	ug/L	97
51) Chlorobenzene	9.45	112	214838	9.575	ug/L	99
52) Ethylbenzene	9.57	91	388023	9.609	ug/L	100
53) m,p-Xylene	9.70	106	145484	9.550	ug/L	97
54) o-Xylene	10.10	106	145125	9.610	ug/L	98
55) Styrene	10.11	104	245209	9.287	ug/L	99
56) Isopropylbenzene	10.48	105	376769	9.213	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	88789	9.086	ug/L	96
59) 1,2,3-Trichloropropane	10.82	75	64791	9.270	ug/L	98
61) Bromoform	10.29	173	48681	9.530	ug/L	98
62) 1,3-Dichlorobenzene	11.74	146	165995	9.219	ug/L	100
63) 1,4-Dichlorobenzene	11.83	146	166885	9.436	ug/L	99
65) 1,2-Dichlorobenzene	12.21	146	163736	9.283	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.99	75	16632	9.454	ug/L #	80
67) 1,3,5-Trichlorobenzene	13.21	180	126186	9.538	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	115785	10.121	ug/L	95
69) Naphthalene	14.08	128	233328	10.639	ug/L	100
70) 1,2,3-Trichlorobenzene	14.32	180	107203	10.277	ug/L	99

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

