

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070620\
 Data File : VU039283.D
 Acq On : 06 Jul 2020 11:20
 Operator : SY/MD
 Sample : VSTD02002
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02002

Quant Time: Jul 06 11:37:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jul 06 10:57:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	143260	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	142643	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	79352	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	208041	20.39	ug/L	0.00
7) Chloroethane-d5	1.93	69	218458	24.11	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	63	399800	19.61	ug/L	0.00
20) 2-Butanone-d5	4.66	46	821234	247.32	ug/L	0.00
24) Chloroform-d	5.08	84	426119	20.19	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	256221	21.22	ug/L	0.00
32) Benzene-d6	5.75	84	833747	24.86	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.71	67	273350	25.53	ug/L	0.00
41) Toluene-d8	7.91	98	807454	26.10	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	135180	24.86	ug/L	0.00
46) 2-Hexanone-d5	8.65	63	738123	270.21	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.76	84	293165	26.76	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.19	152	364590	26.28	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	154412	12.328	ug/L 100
3) Chloromethane	1.53	50	186474	13.621	ug/L 97
5) Vinyl chloride	1.61	62	200765	14.850	ug/L 94
6) Bromomethane	1.87	94	127204	15.358	ug/L 100
8) Chloroethane	1.94	64	159744	17.660	ug/L 97
9) Trichlorofluoromethane	2.15	101	445884	21.604	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	157078	15.537	ug/L 99
12) 1,1-Dichloroethene	2.59	96	152385	16.320	ug/L 89
13) Acetone	2.66	43	365911	153.407	ug/L 99
14) Carbon disulfide	2.81	76	491349	16.291	ug/L 100
15) Methyl Acetate	2.97	43	95670	17.645	ug/L 98
16) Methylene chloride	3.06	84	182617	15.304	ug/L 96
17) Methyl tert-butyl Ether	3.38	73	511445	16.735	ug/L 99
18) trans-1,2-Dichloroethene	3.37	96	170204	15.972	ug/L 98
19) 1,1-Dichloroethane	3.89	63	338633	15.732	ug/L 99
21) 2-Butanone	4.74	43	680753	179.577	ug/L 99
22) cis-1,2-Dichloroethene	4.69	96	194416	17.715	ug/L 98
23) Bromochloromethane	5.00	128	89117	16.700	ug/L 94
25) Chloroform	5.11	83	349801	15.694	ug/L 95
27) 1,2-Dichloroethane	5.81	62	253547	16.184	ug/L 99
29) 1,1,1-Trichloroethane	5.34	97	309140	17.354	ug/L 100
30) Cyclohexane	5.41	56	307938	19.337	ug/L 98
31) Carbon tetrachloride	5.54	117	260874	17.596	ug/L 99
33) Benzene	5.79	78	738443	18.263	ug/L 100
34) Trichloroethene	6.56	95	197227	18.851	ug/L 95
35) Methylcyclohexane	6.78	83	311636	20.120	ug/L 99
37) 1,2-Dichloropropane	6.81	63	201405	18.830	ug/L 99
38) Bromodichloromethane	7.12	83	271871	18.719	ug/L 97
39) cis-1,3-Dichloropropene	7.62	75	326549	19.545	ug/L 96
40) 4-Methyl-2-pentanone	7.81	43	1785330	204.624	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.98	91	872963	19.231	ug/L	99
44) trans-1,3-Dichloropropene	8.22	75	306169	18.594	ug/L	100
45) 1,1,2-Trichloroethane	8.41	97	157223	17.584	ug/L	98
47) Tetrachloroethene	8.56	164	139496	17.887	ug/L	93
48) 2-Hexanone	8.70	43	1427048	200.840	ug/L	99
49) Dibromochloromethane	8.82	129	223907	22.317	ug/L	98
50) 1,2-Dibromoethane	8.93	107	172744	20.373	ug/L	98
51) Chlorobenzene	9.45	112	539388	18.692	ug/L	99
52) Ethylbenzene	9.57	91	1013727	20.815	ug/L	99
53) m,p-Xylene	9.70	106	399349	22.412	ug/L	100
54) o-Xylene	10.10	106	392783	22.948	ug/L	99
55) Styrene	10.12	104	721750	23.917	ug/L	94
56) Isopropylbenzene	10.48	105	1080081	23.725	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	239224	20.239	ug/L	97
59) 1,2,3-Trichloropropane	10.83	75	169437	19.164	ug/L	97
61) Bromoform	10.29	173	148751	22.871	ug/L	99
62) 1,3-Dichlorobenzene	11.74	146	476131	19.067	ug/L	96
63) 1,4-Dichlorobenzene	11.83	146	496780	20.008	ug/L	97
65) 1,2-Dichlorobenzene	12.21	146	486789	19.511	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.99	75	46441	18.482	ug/L	95
67) 1,3,5-Trichlorobenzene	13.21	180	339908	18.300	ug/L	97
68) 1,2,4-trichlorobenzene	13.83	180	298017	19.006	ug/L	99
69) Naphthalene	14.08	128	630060	22.342	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	273649	18.765	ug/L	99

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

