

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102120\
 Data File : VU040869.D
 Acq On : 21 Oct 2020 13:00
 Operator : SY/MD
 Sample : VSTD02004
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02004

Quant Time: Oct 22 00:09:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 22 00:01:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	266576	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	259464	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	136136	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	363243	17.11	ug/L	0.00
7) Chloroethane-d5	1.92	69	317545	19.09	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	63	790572	18.88	ug/L	0.00
20) 2-Butanone-d5	4.64	46	1391749	202.94	ug/L	0.00
24) Chloroform-d	5.08	84	797158	20.63	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	442416	18.97	ug/L	0.00
32) Benzene-d6	5.74	84	1440699	20.96	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	485386	21.00	ug/L	0.00
41) Toluene-d8	7.91	98	1290723	20.97	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	205139	21.48	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	1159660	235.40	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.75	84	408888	19.86	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.19	152	494733	19.81	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	516927	21.177 ug/L	98
3) Chloromethane	1.52	50	554142	23.306 ug/L	98
5) Vinyl chloride	1.61	62	544424	22.429 ug/L	98
6) Bromomethane	1.86	94	233458	18.058 ug/L	96
8) Chloroethane	1.94	64	326182	21.135 ug/L	97
9) Trichlorofluoromethane	2.14	101	714766	20.855 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	414375	18.945 ug/L	99
12) 1,1-Dichloroethene	2.59	96	393384	20.894 ug/L	98
13) Acetone	2.64	43	835696	162.202 ug/L	98
14) Carbon disulfide	2.80	76	1347381	24.171 ug/L	98
15) Methyl Acetate	2.96	43	213824	17.927 ug/L	98
16) Methylene chloride	3.06	84	431213	17.948 ug/L	99
17) Methyl tert-butyl Ether	3.38	73	1030519	19.870 ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	420486	21.278 ug/L	95
19) 1,1-Dichloroethane	3.89	63	810338	19.927 ug/L	99
21) 2-Butanone	4.72	43	1438737	179.681 ug/L	100
22) cis-1,2-Dichloroethene	4.68	96	453434	21.302 ug/L	97
23) Bromochloromethane	4.99	128	200947	19.257 ug/L	97
25) Chloroform	5.11	83	807764	19.536 ug/L	95
27) 1,2-Dichloroethane	5.81	62	560115	19.165 ug/L	99
29) 1,1,1-Trichloroethane	5.33	97	702074	20.442 ug/L	100
30) Cyclohexane	5.40	56	776015	24.224 ug/L	98
31) Carbon tetrachloride	5.54	117	616813	21.011 ug/L	99
33) Benzene	5.79	78	1738907	21.127 ug/L	100
34) Trichloroethene	6.55	95	440246	20.797 ug/L	97
35) Methylcyclohexane	6.77	83	732550	24.034 ug/L	99
37) 1,2-Dichloropropane	6.80	63	462166	20.341 ug/L	99
38) Bromodichloromethane	7.12	83	591185	20.408 ug/L	98
39) cis-1,3-Dichloropropene	7.62	75	687574	22.190 ug/L	99
40) 4-Methyl-2-pentanone	7.80	43	3463478	197.870 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.98	91	1819286	21.760	ug/L	100
44) trans-1,3-Dichloropropene	8.21	75	610287	21.545	ug/L	99
45) 1,1,2-Trichloroethane	8.41	97	311812	18.575	ug/L	97
47) Tetrachloroethene	8.56	164	326288	21.573	ug/L	98
48) 2-Hexanone	8.69	43	2477390	190.637	ug/L	99
49) Dibromochloromethane	8.82	129	379735	19.633	ug/L	99
50) 1,2-Dibromoethane	8.93	107	301810	18.899	ug/L	99
51) Chlorobenzene	9.45	112	1122062	20.461	ug/L	99
52) Ethylbenzene	9.57	91	2037986	22.679	ug/L	98
53) m,p-Xylene	9.69	106	751996	23.006	ug/L	97
54) o-Xylene	10.10	106	718960	22.965	ug/L	96
55) Styrene	10.11	104	1254142	22.960	ug/L	98
56) Isopropylbenzene	10.48	105	1935123	22.881	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	411065	18.684	ug/L	98
59) 1,2,3-Trichloropropane	10.82	75	299967	18.286	ug/L	96
61) Bromoform	10.29	173	207423	18.608	ug/L	99
62) 1,3-Dichlorobenzene	11.74	146	897264	20.498	ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	903545	20.043	ug/L	96
65) 1,2-Dichlorobenzene	12.21	146	848768	20.007	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	75749	20.433	ug/L	92
67) 1,3,5-Trichlorobenzene	13.21	180	667845	21.497	ug/L	98
68) 1,2,4-trichlorobenzene	13.83	180	599388	24.732	ug/L	99
69) Naphthalene	14.08	128	1211030	29.860	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	554330	24.600	ug/L	100

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

