

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070720\
 Data File : VU039313.D
 Acq On : 07 Jul 2020 13:49
 Operator : SY/MD
 Sample : VSTD00501
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00501

Quant Time: Jul 07 14:07:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 07 12:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	112847	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	106584	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	51764	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	37028	4.27	ug/L	0.00
7) Chloroethane-d5	1.93	69	34996	4.22	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	63	69744	4.32	ug/L	0.00
20) 2-Butanone-d5	4.66	46	165340	50.55	ug/L	0.00
24) Chloroform-d	5.09	84	77137	4.64	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	47046	4.57	ug/L	0.00
32) Benzene-d6	5.74	84	142094	4.34	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.71	67	49055	4.50	ug/L	0.00
41) Toluene-d8	7.91	98	121948	4.04	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	21312	4.23	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	127915	48.16	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.76	84	46921	4.51	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.19	152	49166	4.21	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	36693	5.718	ug/L 97
3) Chloromethane	1.53	50	42409	5.186	ug/L 96
5) Vinyl chloride	1.61	62	46868	5.575	ug/L 96
6) Bromomethane	1.87	94	19545	3.792	ug/L 98
8) Chloroethane	1.94	64	32542	5.655	ug/L 93
9) Trichlorofluoromethane	2.15	101	79106	5.380	ug/L 96
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	34101	5.318	ug/L 98
12) 1,1-Dichloroethene	2.59	96	34544	5.404	ug/L 89
13) Acetone	2.67	43	77862	50.308	ug/L 99
14) Carbon disulfide	2.81	76	118881	5.833	ug/L 99
15) Methyl Acetate	2.97	43	20846	5.384	ug/L 97
16) Methylene chloride	3.06	84	41047	5.042	ug/L 98
17) Methyl tert-butyl Ether	3.38	73	103050	4.900	ug/L 98
18) trans-1,2-Dichloroethene	3.37	96	37093	5.337	ug/L 98
19) 1,1-Dichloroethane	3.89	63	69989	5.026	ug/L 99
21) 2-Butanone	4.74	43	142608	50.625	ug/L 98
22) cis-1,2-Dichloroethene	4.69	96	41135	5.194	ug/L 99
23) Bromochloromethane	5.00	128	18506	5.186	ug/L 98
25) Chloroform	5.11	83	72881	5.025	ug/L 98
27) 1,2-Dichloroethane	5.81	62	52846	5.057	ug/L 100
29) 1,1,1-Trichloroethane	5.34	97	61931	5.059	ug/L 99
30) Cyclohexane	5.41	56	67439	5.500	ug/L 100
31) Carbon tetrachloride	5.54	117	53575	5.205	ug/L 99
33) Benzene	5.79	78	156923	5.224	ug/L 100
34) Trichloroethene	6.56	95	41008	5.295	ug/L 96
35) Methylcyclohexane	6.78	83	68111	5.492	ug/L 98
37) 1,2-Dichloropropane	6.81	63	43481	5.188	ug/L 100
38) Bromodichloromethane	7.12	83	54775	5.013	ug/L 99
39) cis-1,3-Dichloropropene	7.62	75	63342	4.862	ug/L 97
40) 4-Methyl-2-pentanone	7.80	43	348584	49.149	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.98	91	168875	5.165	ug/L	100
44) trans-1,3-Dichloropropene	8.22	75	57287	4.883	ug/L	96
45) 1,1,2-Trichloroethane	8.41	97	30947	4.965	ug/L	98
47) Tetrachloroethene	8.56	164	28485	5.233	ug/L	94
48) 2-Hexanone	8.69	43	256762	48.679	ug/L	98
49) Dibromochloromethane	8.82	129	36587	4.675	ug/L	95
50) 1,2-Dibromoethane	8.93	107	31008	4.948	ug/L	99
51) Chlorobenzene	9.45	112	102208	5.055	ug/L	98
52) Ethylbenzene	9.57	91	185633	5.101	ug/L	98
53) m,p-Xylene	9.70	106	69379	5.054	ug/L	98
54) o-Xylene	10.10	106	66549	4.890	ug/L	99
55) Styrene	10.11	104	114548	4.814	ug/L	95
56) Isopropylbenzene	10.48	105	181631	4.929	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	41911	4.760	ug/L	95
59) 1,2,3-Trichloropropane	10.82	75	30030	4.768	ug/L	98
61) Bromoform	10.29	173	21397	4.636	ug/L	97
62) 1,3-Dichlorobenzene	11.74	146	80405	4.943	ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	78948	4.941	ug/L	99
65) 1,2-Dichlorobenzene	12.21	146	78585	4.931	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.99	75	7490	4.712	ug/L	90
67) 1,3,5-Trichlorobenzene	13.21	180	59750	4.999	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	51036	4.938	ug/L	97
69) Naphthalene	14.08	128	99235	5.008	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	47822	5.074	ug/L	96

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

