

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031620\
 Data File : VU037292.D
 Acq On : 16 Mar 2020 13:18
 Operator : JC/MD
 Sample : VSTD02004
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02004

Quant Time: Mar 16 18:29:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Mar 16 18:25:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	143502	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	142823	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	76421	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	152218	17.05	ug/L	0.00
7) Chloroethane-d5	1.93	69	137032	20.83	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	330224	17.67	ug/L	0.00
20) 2-Butanone-d5	4.67	46	477507	201.07	ug/L	-0.01
24) Chloroform-d	5.10	84	357225	19.04	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	198714	18.19	ug/L	0.00
32) Benzene-d6	5.76	84	622127	18.28	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	199690	18.00	ug/L	0.00
41) Toluene-d8	7.93	98	611714	19.13	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	95982	21.32	ug/L	0.00
46) 2-Hexanone-d5	8.66	63	447463	234.71	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	177051	19.18	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.21	152	241176	18.55	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	332063	18.415 ug/L	99
3) Chloromethane	1.53	50	307627	19.580 ug/L	99
5) Vinyl chloride	1.62	62	292743	20.939 ug/L	100
6) Bromomethane	1.87	94	141443	25.240 ug/L	98
8) Chloroethane	1.94	64	163252	22.225 ug/L	99
9) Trichlorofluoromethane	2.15	101	431524	21.398 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	203858	20.115 ug/L	96
12) 1,1-Dichloroethene	2.60	96	181150	19.639 ug/L	97
13) Acetone	2.66	43	409376	212.214 ug/L	99
14) Carbon disulfide	2.82	76	572224	18.871 ug/L	100
15) Methyl Acetate	2.98	43	88674	19.348 ug/L	96
16) Methylene chloride	3.08	84	211438	19.155 ug/L	98
17) Methyl tert-butyl Ether	3.40	73	541864	21.599 ug/L	98
18) trans-1,2-Dichloroethene	3.39	96	199070	20.566 ug/L	96
19) 1,1-Dichloroethane	3.91	63	389129	19.707 ug/L	96
21) 2-Butanone	4.75	43	650153	212.855 ug/L	99
22) cis-1,2-Dichloroethene	4.71	96	223074	20.767 ug/L	98
23) Bromochloromethane	5.02	128	98793	20.781 ug/L	96
25) Chloroform	5.13	83	416804	19.327 ug/L	98
27) 1,2-Dichloroethane	5.83	62	301002	19.893 ug/L	98
29) 1,1,1-Trichloroethane	5.35	97	381371	20.721 ug/L	99
30) Cyclohexane	5.42	56	367609	21.154 ug/L	98
31) Carbon tetrachloride	5.56	117	349822	21.910 ug/L	100
33) Benzene	5.81	78	854782	20.494 ug/L	100
34) Trichloroethene	6.57	95	230457	20.348 ug/L	98
35) Methylcyclohexane	6.79	83	380897	21.910 ug/L	97
37) 1,2-Dichloropropane	6.82	63	225325	20.504 ug/L	100
38) Bromodichloromethane	7.13	83	310573	21.019 ug/L	98
39) cis-1,3-Dichloropropene	7.64	75	361658	22.690 ug/L	98
40) 4-Methyl-2-pentanone	7.82	43	1613030	207.590 ug/L	99

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42) Toluene	8.00	91	959885	21.404	ug/L	100
44) trans-1,3-Dichloropropene	8.23	75	310268	23.331	ug/L	99
45) 1,1,2-Trichloroethane	8.42	97	158997	20.021	ug/L	98
47) Tetrachloroethene	8.57	164	182488	20.688	ug/L	97
48) 2-Hexanone	8.71	43	1185913	220.375	ug/L	99
49) Dibromochloromethane	8.84	129	219654	22.609	ug/L	99
50) 1,2-Dibromoethane	8.95	107	161956	21.460	ug/L	97
51) Chlorobenzene	9.47	112	594634	20.474	ug/L	97
52) Ethylbenzene	9.59	91	1109470	22.331	ug/L	98
53) m,p-Xylene	9.71	106	409263	22.910	ug/L	95
54) o-Xylene	10.12	106	393190	22.384	ug/L	95
55) Styrene	10.13	104	673518	23.466	ug/L	95
56) Isopropylbenzene	10.50	105	1107194	23.504	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	212626	21.547	ug/L	97
59) 1,2,3-Trichloropropane	10.84	75	158844	20.091	ug/L	98
61) Bromoform	10.31	173	129213	21.905	ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	492543	19.832	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	492986	19.983	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	469438	19.887	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.02	75	40045	22.083	ug/L	93
67) 1,3,5-Trichlorobenzene	13.24	180	395381	22.895	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	319764	26.912	ug/L	97
69) Naphthalene	14.11	128	539188	31.857	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	297195	26.756	ug/L	99

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

