

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111620\
 Data File : VU041238.D
 Acq On : 16 Nov 2020 10:10
 Operator : SY/MD
 Sample : VSTD02006
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02006

Quant Time: Nov 16 10:33:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Nov 16 10:17:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	78090	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	78590	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	44110	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	104638	15.94	ug/L	0.00
7) Chloroethane-d5	1.92	69	89917	17.84	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	63	227573	17.68	ug/L	0.00
20) 2-Butanone-d5	4.65	46	473750	219.29	ug/L	0.00
24) Chloroform-d	5.08	84	225379	19.45	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	147286	20.48	ug/L	0.00
32) Benzene-d6	5.74	84	433021	20.60	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	145491	21.25	ug/L	0.00
41) Toluene-d8	7.91	98	398063	20.90	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	66559	22.43	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	393830	246.59	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.75	84	142335	22.40	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.19	152	160052	20.68	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.39	85	115602	16.215	ug/L	100
3) Chloromethane	1.53	50	116611	15.686	ug/L	99
5) Vinyl chloride	1.61	62	124954	17.038	ug/L	99
6) Bromomethane	1.87	94	74823	17.799	ug/L	98
8) Chloroethane	1.94	64	75182	16.180	ug/L	97
9) Trichlorofluoromethane	2.15	101	191446	19.205	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	108762	18.617	ug/L	96
12) 1,1-Dichloroethene	2.59	96	95727	17.354	ug/L	93
13) Acetone	2.66	43	293321	198.589	ug/L #	55
14) Carbon disulfide	2.81	76	278293	15.097	ug/L	100
15) Methyl Acetate	2.97	43	62957	18.628	ug/L	97
16) Methylene chloride	3.06	84	108802	16.928	ug/L	95
17) Methyl tert-butyl Ether	3.38	73	292253	20.587	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	96078	17.139	ug/L	99
19) 1,1-Dichloroethane	3.89	63	207326	18.500	ug/L	98
21) 2-Butanone	4.73	43	456390	197.701	ug/L	99
22) cis-1,2-Dichloroethene	4.68	96	110740	19.152	ug/L	96
23) Bromochloromethane	4.99	128	51124	18.741	ug/L	96
25) Chloroform	5.11	83	207392	18.453	ug/L	98
27) 1,2-Dichloroethane	5.81	62	160892	19.221	ug/L #	94
29) 1,1,1-Trichloroethane	5.33	97	183333	19.074	ug/L	95
30) Cyclohexane	5.40	56	171433	18.103	ug/L	99
31) Carbon tetrachloride	5.54	117	164913	19.376	ug/L	99
33) Benzene	5.79	78	436246	18.577	ug/L	100
34) Trichloroethene	6.55	95	115287	19.291	ug/L	98
35) Methylcyclohexane	6.77	83	173462	19.459	ug/L	96
37) 1,2-Dichloropropane	6.80	63	121564	19.132	ug/L #	97
38) Bromodichloromethane	7.11	83	159689	19.375	ug/L	98
39) cis-1,3-Dichloropropene	7.61	75	183276	20.949	ug/L	96
40) 4-Methyl-2-pentanone	7.80	43	1042729	205.818	ug/L	100

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42) Toluene	7.98	91	467789	19.645	ug/L	100
44) trans-1,3-Dichloropropene	8.21	75	172016	21.010	ug/L	99
45) 1,1,2-Trichloroethane	8.40	97	95919	20.279	ug/L	95
47) Tetrachloroethene	8.56	164	80856	18.400	ug/L	96
48) 2-Hexanone	8.69	43	792011	207.619	ug/L	100
49) Dibromochloromethane	8.82	129	113025	20.576	ug/L	98
50) 1,2-Dibromoethane	8.93	107	93933	20.840	ug/L	98
51) Chlorobenzene	9.45	112	293588	19.444	ug/L	99
52) Ethylbenzene	9.57	91	532472	21.244	ug/L	99
53) m,p-Xylene	9.69	106	195897	21.430	ug/L	98
54) o-Xylene	10.10	106	187298	22.000	ug/L	97
55) Styrene	10.11	104	336656	22.195	ug/L	99
56) Isopropylbenzene	10.48	105	510955	22.320	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	127943	20.596	ug/L	100
59) 1,2,3-Trichloropropane	10.82	75	100658	21.255	ug/L	100
61) Bromoform	10.29	173	68161	20.051	ug/L	98
62) 1,3-Dichlorobenzene	11.74	146	261890	20.568	ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	261809	19.853	ug/L	100
65) 1,2-Dichlorobenzene	12.21	146	244860	19.488	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.99	75	25785	20.938	ug/L	97
67) 1,3,5-Trichlorobenzene	13.21	180	195360	21.939	ug/L	98
68) 1,2,4-trichlorobenzene	13.83	180	163890	22.217	ug/L	97
69) Naphthalene	14.08	128	322465	24.446	ug/L	100
70) 1,2,3-Trichlorobenzene	14.32	180	150922	22.197	ug/L	99

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

