

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102820\
 Data File : VU041000.D
 Acq On : 28 Oct 2020 18:07
 Operator : SY/MD
 Sample : VSTD01005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010105

Quant Time: Oct 29 01:32:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR102820WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 29 01:21:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	122051	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	118030	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	60129	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	83620	10.29	ug/L	0.00
7) Chloroethane-d5	1.92	69	65597	9.80	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	65	39719	9.65	ug/L	0.00
20) 2-Butanone-d5	4.66	46	357033	115.30	ug/L	0.00
24) Chloroform-d	5.08	84	168200	10.36	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	102841	10.13	ug/L	0.00
32) Benzene-d6	5.75	84	301575	9.87	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	103141	10.13	ug/L	0.00
41) Toluene-d8	7.91	98	271179	9.98	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	45037	10.84	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	266550	123.61	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.75	84	93926	10.77	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.19	152	99033	9.63	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	106152	8.592 ug/L	97
3) Chloromethane	1.53	50	106721	8.708 ug/L	99
5) Vinyl chloride	1.61	62	106458	8.770 ug/L	98
6) Bromomethane	1.87	94	59321	9.165 ug/L	100
8) Chloroethane	1.94	64	63952	8.878 ug/L	96
9) Trichlorofluoromethane	2.15	101	147308	8.994 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	88211	8.835 ug/L	98
12) 1,1-Dichloroethene	2.59	96	80705	8.623 ug/L	97
13) Acetone	2.67	43	216039	94.115 ug/L	78
14) Carbon disulfide	2.81	76	262994	8.178 ug/L	98
15) Methyl Acetate	2.98	43	49441	8.677 ug/L	97
16) Methylene chloride	3.06	84	93272	7.964 ug/L	97
17) Methyl tert-butyl Ether	3.38	73	223478	9.130 ug/L	98
18) trans-1,2-Dichloroethene	3.37	96	82325	8.454 ug/L	95
19) 1,1-Dichloroethane	3.89	63	170460	8.809 ug/L	99
21) 2-Butanone	4.75	43	353355	93.846 ug/L	98
22) cis-1,2-Dichloroethene	4.69	96	89116	8.699 ug/L	99
23) Bromochloromethane	5.00	128	43291	8.946 ug/L	97
25) Chloroform	5.11	83	173919	8.953 ug/L	99
27) 1,2-Dichloroethane	5.81	62	125033	8.897 ug/L	100
29) 1,1,1-Trichloroethane	5.33	97	147406	9.052 ug/L	99
30) Cyclohexane	5.41	56	151837	8.797 ug/L	98
31) Carbon tetrachloride	5.54	117	127117	9.162 ug/L	96
33) Benzene	5.79	78	359269	8.990 ug/L	100
34) Trichloroethene	6.56	95	94211	9.126 ug/L	97
35) Methylcyclohexane	6.77	83	143878	9.035 ug/L	97
37) 1,2-Dichloropropane	6.80	63	97919	8.733 ug/L	99
38) Bromodichloromethane	7.11	83	123957	9.118 ug/L	95
39) cis-1,3-Dichloropropene	7.62	75	138611	9.213 ug/L	97
40) 4-Methyl-2-pentanone	7.80	43	821287	97.395 ug/L	100

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42) Toluene	7.98	91	379433	9.386	ug/L	98
44) trans-1,3-Dichloropropene	8.22	75	129965	9.350	ug/L	98
45) 1,1,2-Trichloroethane	8.41	97	70285	9.220	ug/L	96
47) Tetrachloroethene	8.56	164	64875	8.657	ug/L	94
48) 2-Hexanone	8.69	43	598857	97.153	ug/L	99
49) Dibromochloromethane	8.82	129	83642	9.550	ug/L	98
50) 1,2-Dibromoethane	8.93	107	67370	9.168	ug/L	99
51) Chlorobenzene	9.45	112	228382	8.796	ug/L	99
52) Ethylbenzene	9.57	91	405993	9.210	ug/L	99
53) m,p-Xylene	9.69	106	150823	9.495	ug/L	96
54) o-Xylene	10.10	106	141355	9.245	ug/L	98
55) Styrene	10.11	104	253003	9.580	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.78	83	91896	9.153	ug/L	97
59) Bromoform	10.29	173	45699	9.437	ug/L	95
60) Isopropylbenzene	10.48	105	385801	9.444	ug/L	99
61) 1,2,3-Trichloropropane	10.82	75	70966	9.181	ug/L	99
62) 1,3,5-Trimethylbenzene	11.09	105	318677	9.733	ug/L	99
63) 1,2,4-Trimethylbenzene	11.47	105	337545	10.145	ug/L	99
64) 1,3-Dichlorobenzene	11.74	146	181085	8.900	ug/L	99
65) 1,4-Dichlorobenzene	11.83	146	184592	8.788	ug/L	99
67) 1,2-Dichlorobenzene	12.21	146	173837	9.079	ug/L	99
68) 1,2-Dibromo-3-chloropropan	12.99	75	17663	9.706	ug/L	90
69) 1,3,5-Trichlorobenzene	13.21	180	125183	8.785	ug/L	99
70) 1,2,4-trichlorobenzene	13.83	180	108757	9.450	ug/L	97
71) Naphthalene	14.08	128	218367	11.028	ug/L	99
72) 1,2,3-Trichlorobenzene	14.32	180	107109	10.314	ug/L	99

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

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