

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU122820\
 Data File : VU041822.D
 Acq On : 28 Dec 2020 11:25
 Operator : SY/MD
 Sample : VSTD01031
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010315

Quant Time: Dec 29 00:36:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR122820WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 29 00:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	156017	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	151636	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	80942	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	124005	11.02	ug/L	0.00
7) Chloroethane-d5	1.92	69	120502	13.29	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.57	65	62139	11.45	ug/L	0.00
20) 2-Butanone-d5	4.66	46	346993	103.00	ug/L	0.00
24) Chloroform-d	5.08	84	226939	9.71	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	122034	8.21	ug/L	0.00
32) Benzene-d6	5.74	84	451408	11.78	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	137773	11.38	ug/L	0.00
41) Toluene-d8	7.90	98	428249	11.74	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.18	79	61285	10.18	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	342775	138.74	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.75	84	131817	11.78	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.19	152	164234	11.25	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	143839	8.739 ug/L	100
3) Chloromethane	1.52	50	128849	10.068 ug/L	100
5) Vinyl chloride	1.61	62	156293	11.238 ug/L	99
6) Bromomethane	1.86	94	110648	13.225 ug/L	99
8) Chloroethane	1.94	64	101574	10.933 ug/L	99
9) Trichlorofluoromethane	2.15	101	224493	9.294 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	126814	10.936 ug/L	98
12) 1,1-Dichloroethene	2.59	96	125237	12.418 ug/L	97
13) Acetone	2.67	43	242560	97.683 ug/L #	45
14) Carbon disulfide	2.80	76	425563	13.879 ug/L	98
15) Methyl Acetate	2.97	43	60806	11.605 ug/L	99
16) Methylene chloride	3.06	84	139522	11.079 ug/L	98
17) Methyl tert-butyl Ether	3.38	73	325917	10.960 ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	127079	12.153 ug/L	99
19) 1,1-Dichloroethane	3.89	63	216460	10.375 ug/L	97
21) 2-Butanone	4.74	43	328098	94.012 ug/L	98
22) cis-1,2-Dichloroethene	4.68	96	125181	11.159 ug/L	94
23) Bromochloromethane	4.99	128	62932	11.285 ug/L	92
25) Chloroform	5.11	83	209129	8.925 ug/L	100
27) 1,2-Dichloroethane	5.81	62	138739	8.095 ug/L	99
29) 1,1,1-Trichloroethane	5.33	97	183075	8.823 ug/L	98
30) Cyclohexane	5.40	56	177857	11.470 ug/L	97
31) Carbon tetrachloride	5.54	117	164025	8.770 ug/L	99
33) Benzene	5.79	78	474997	11.041 ug/L	100
34) Trichloroethene	6.55	95	123204	10.470 ug/L	98
35) Methylcyclohexane	6.77	83	197515	11.855 ug/L	98
37) 1,2-Dichloropropane	6.80	63	117390	10.701 ug/L	99
38) Bromodichloromethane	7.11	83	153181	9.210 ug/L	97
39) cis-1,3-Dichloropropene	7.61	75	181605	10.737 ug/L	100
40) 4-Methyl-2-pentanone	7.80	43	779050	99.790 ug/L	99

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42) Toluene	7.97	91	514184	11.115	ug/L	98
44) trans-1,3-Dichloropropene	8.21	75	166275	10.149	ug/L	99
45) 1,1,2-Trichloroethane	8.40	97	96595	11.106	ug/L	98
47) Tetrachloroethene	8.56	164	96845	10.970	ug/L	100
48) 2-Hexanone	8.69	43	573473	97.731	ug/L	99
49) Dibromochloromethane	8.81	129	116586	10.120	ug/L	98
50) 1,2-Dibromoethane	8.93	107	94797	11.170	ug/L	98
51) Chlorobenzene	9.45	112	330064	10.980	ug/L	99
52) Ethylbenzene	9.57	91	554099	10.803	ug/L	100
53) m,p-Xylene	9.69	106	219700	11.730	ug/L	99
54) o-Xylene	10.10	106	211551	11.642	ug/L	99
55) Styrene	10.11	104	362058	11.382	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.78	83	125062	11.044	ug/L	99
59) Bromoform	10.29	173	70629	10.716	ug/L	98
60) Isopropylbenzene	10.48	105	555298	11.148	ug/L	98
61) 1,2,3-Trichloropropane	10.82	75	89492	10.236	ug/L	100
62) 1,3,5-Trimethylbenzene	11.09	105	474855	11.195	ug/L	100
63) 1,2,4-Trimethylbenzene	11.47	105	488568	11.363	ug/L	100
64) 1,3-Dichlorobenzene	11.74	146	261082	10.571	ug/L	98
65) 1,4-Dichlorobenzene	11.83	146	260044	10.410	ug/L	98
67) 1,2-Dichlorobenzene	12.21	146	259178	10.651	ug/L	96
68) 1,2-Dibromo-3-chloropropan	12.99	75	21322	9.242	ug/L	96
69) 1,3,5-Trichlorobenzene	13.21	180	197924	10.567	ug/L	100
70) 1,2,4-trichlorobenzene	13.83	180	156392	10.213	ug/L	99
71) Naphthalene	14.07	128	298773	11.725	ug/L	99
72) 1,2,3-Trichlorobenzene	14.32	180	150738	10.893	ug/L	99

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

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