

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU122820\
 Data File : VU041823.D
 Acq On : 28 Dec 2020 11:49
 Operator : SY/MD
 Sample : VSTD02032
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020326

Quant Time: Dec 29 00:36:41 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	170187	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	164999	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	90890	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	272994	22.24	ug/L	0.00
7) Chloroethane-d5	1.92	69	251202	25.40	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.57	65	132208	22.33	ug/L	0.00
20) 2-Butanone-d5	4.66	46	832326	226.49	ug/L	0.00
24) Chloroform-d	5.08	84	505421	19.83	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	274288	16.91	ug/L	0.00
32) Benzene-d6	5.74	84	1022579	24.53	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	318100	24.16	ug/L	0.00
41) Toluene-d8	7.90	98	951076	23.96	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.18	79	141117	21.54	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	782915	291.22	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.75	84	289999	23.81	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.19	152	365549	22.29	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.39	85	311087	17.327	ug/L	99
3) Chloromethane	1.52	50	274718	19.678	ug/L	100
5) Vinyl chloride	1.61	62	346120	22.815	ug/L	98
6) Bromomethane	1.86	94	234467	25.692	ug/L	99
8) Chloroethane	1.94	64	219783	21.686	ug/L	99
9) Trichlorofluoromethane	2.14	101	477456	18.120	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	270859	21.413	ug/L	98
12) 1,1-Dichloroethene	2.59	96	268577	24.413	ug/L	98
13) Acetone	2.67	43	522915	193.053	ug/L #	42
14) Carbon disulfide	2.80	76	891598	26.657	ug/L	99
15) Methyl Acetate	2.97	43	121107	21.188	ug/L	98
16) Methylene chloride	3.06	84	270553	19.694	ug/L	96
17) Methyl tert-butyl Ether	3.38	73	655738	20.214	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	257280	22.556	ug/L	97
19) 1,1-Dichloroethane	3.89	63	437738	19.234	ug/L	99
21) 2-Butanone	4.74	43	785538	206.344	ug/L	99
22) cis-1,2-Dichloroethene	4.68	96	281885	23.037	ug/L	96
23) Bromochloromethane	4.99	128	135243	22.233	ug/L	98
25) Chloroform	5.11	83	463562	18.137	ug/L	99
27) 1,2-Dichloroethane	5.81	62	309901	16.577	ug/L	98
29) 1,1,1-Trichloroethane	5.33	97	408559	18.096	ug/L	99
30) Cyclohexane	5.40	56	423116	25.078	ug/L	97
31) Carbon tetrachloride	5.54	117	377067	18.529	ug/L	99
33) Benzene	5.79	78	1067070	22.794	ug/L	100
34) Trichloroethene	6.55	95	275419	21.510	ug/L	98
35) Methylcyclohexane	6.77	83	465053	25.653	ug/L	99
37) 1,2-Dichloropropane	6.80	63	262933	22.028	ug/L	100
38) Bromodichloromethane	7.11	83	346405	19.140	ug/L	99
39) cis-1,3-Dichloropropene	7.61	75	428833	23.301	ug/L	100
40) 4-Methyl-2-pentanone	7.80	43	1812679	213.386	ug/L	99

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42) Toluene	7.97	91	1154013	22.927	ug/L	98
44) trans-1,3-Dichloropropene	8.21	75	385811	21.642	ug/L	95
45) 1,1,2-Trichloroethane	8.40	97	207103	21.883	ug/L	97
47) Tetrachloroethene	8.56	164	215364	22.419	ug/L	97
48) 2-Hexanone	8.69	43	1288975	201.877	ug/L	98
49) Dibromochloromethane	8.82	129	257940	20.577	ug/L	97
50) 1,2-Dibromoethane	8.93	107	208073	22.533	ug/L #	100
51) Chlorobenzene	9.45	112	731220	22.355	ug/L	99
52) Ethylbenzene	9.57	91	1240740	22.231	ug/L	99
53) m,p-Xylene	9.69	106	488705	23.979	ug/L	99
54) o-Xylene	10.10	106	471456	23.843	ug/L	97
55) Styrene	10.11	104	819698	23.681	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.78	83	274997	22.318	ug/L	100
59) Bromoform	10.29	173	163130	22.042	ug/L	99
60) Isopropylbenzene	10.48	105	1248595	22.323	ug/L	100
61) 1,2,3-Trichloropropane	10.82	75	205376	20.920	ug/L	98
62) 1,3,5-Trimethylbenzene	11.09	105	1079576	22.665	ug/L	99
63) 1,2,4-Trimethylbenzene	11.47	105	1097827	22.739	ug/L	100
64) 1,3-Dichlorobenzene	11.74	146	585032	21.095	ug/L	100
65) 1,4-Dichlorobenzene	11.83	146	584089	20.824	ug/L	98
67) 1,2-Dichlorobenzene	12.21	146	582754	21.328	ug/L	96
68) 1,2-Dibromo-3-chloropropan	12.99	75	50132	19.351	ug/L	94
69) 1,3,5-Trichlorobenzene	13.21	180	455285	21.647	ug/L	100
70) 1,2,4-trichlorobenzene	13.83	180	377795	21.970	ug/L	99
71) Naphthalene	14.07	128	773754	27.042	ug/L	100
72) 1,2,3-Trichlorobenzene	14.32	180	354828	22.834	ug/L	99

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

