

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051521\
 Data File : VU043756.D
 Acq On : 14 May 2021 15:22
 Operator : SY/MD
 Sample : VSTD00535
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005135

Quant Time: May 15 00:28:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat May 15 00:28:02 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	238201	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	232634	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	127230	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	91018	4.81	ug/L	0.00
7) Chloroethane-d5	1.919	69	65108	4.71	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	65	37897	4.22	ug/L	0.00
20) 2-Butanone-d5	4.642	46	162691	31.62	ug/L	0.00
24) Chloroform-d	5.073	84	150739	4.29	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.710	65	74741	3.65	ug/L	0.00
32) Benzene-d6	5.735	84	312620	5.06	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.700	67	97446	4.58	ug/L	0.00
41) Toluene-d8	7.906	98	292437	5.13	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.186	79	37211	4.41	ug/L	0.00
46) 2-Hexanone-d5	8.642	63	168400	48.15	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.764	84	79336	4.68	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.198	152	105465	4.73	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	94419	5.73	ug/L	100
3) Chloromethane	1.523	50	106447	5.94	ug/L	100
5) Vinyl chloride	1.607	62	110488	6.43	ug/L	100
6) Bromomethane	1.864	94	61973	7.20	ug/L	100
8) Chloroethane	1.938	64	62481	5.80	ug/L	100
9) Trichlorofluoromethane	2.144	101	129049	5.15	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	87115	5.54	ug/L	100
12) 1,1-Dichloroethene	2.588	96	84788	6.09	ug/L	100
13) Acetone	2.652	43	108365	31.68	ug/L	100
14) Carbon disulfide	2.800	76	279858	7.44	ug/L	100
15) Methyl Acetate	2.964	43	34797	4.19	ug/L	100
16) Methylene chloride	3.054	84	109637	4.97	ug/L	100
17) Methyl tert-butyl Ether	3.372	73	190300	5.00	ug/L	100
18) trans-1,2-Dichloroethene	3.363	96	87626	6.03	ug/L	100
19) 1,1-Dichloroethane	3.880	63	161962	4.96	ug/L	100
21) 2-Butanone	4.723	43	203480	36.00	ug/L	100
22) cis-1,2-Dichloroethene	4.678	96	93770	5.63	ug/L	100
23) Bromochloromethane	4.983	128	44768	6.00	ug/L	100
25) Chloroform	5.099	83	159759	4.65	ug/L	100
27) 1,2-Dichloroethane	5.803	62	99038	4.36	ug/L	100
29) 1,1,1-Trichloroethane	5.327	97	131853	4.92	ug/L	100
30) Cyclohexane	5.398	56	148262	6.42	ug/L	100
31) Carbon tetrachloride	5.533	117	109602	4.97	ug/L	100
33) Benzene	5.784	78	372423	5.93	ug/L	100
34) Trichloroethene	6.549	95	92609	5.79	ug/L	100
35) Methylcyclohexane	6.771	83	147935	6.80	ug/L	100
37) 1,2-Dichloropropane	6.800	63	95401	5.26	ug/L	100
38) Bromodichloromethane	7.115	83	112207	4.85	ug/L	100
39) cis-1,3-Dichloropropene	7.613	75	127385	5.28	ug/L	100
40) 4-Methyl-2-pentanone	7.800	43	617895	44.64	ug/L	100
42) Toluene	7.977	91	400850	6.07	ug/L	100
44) trans-1,3-Dichloropropene	8.218	75	110951	5.12	ug/L	100

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45) 1,1,2-Trichloroethane	8.407	97	70025	5.52	ug/L	100
47) Tetrachloroethene	8.558	164	77895	6.42	ug/L	100
48) 2-Hexanone	8.694	43	461776	45.41	ug/L	100
49) Dibromochloromethane	8.816	129	77242	5.14	ug/L	100
50) 1,2-Dibromoethane	8.931	107	64712	5.50	ug/L	100
51) Chlorobenzene	9.452	112	239461	5.75	ug/L	100
52) Ethylbenzene	9.578	91	402134	5.81	ug/L	100
53) m,p-Xylene	9.700	106	155133	6.11	ug/L	100
54) o-Xylene	10.108	106	149203	6.06	ug/L	100
55) Styrene	10.121	104	255786	5.99	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.790	83	86690	5.19	ug/L	100
59) Bromoform	10.298	173	46277	5.10	ug/L	100
60) Isopropylbenzene	10.491	105	387844	5.53	ug/L	100
61) 1,2,3-Trichloropropane	10.829	75	63496	5.06	ug/L	100
62) 1,3,5-Trimethylbenzene	11.095	105	312370	5.63	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	321318	5.76	ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	192722	5.55	ug/L	100
65) 1,4-Dichlorobenzene	11.841	146	192038	5.40	ug/L	100
67) 1,2-Dichlorobenzene	12.217	146	185409	5.33	ug/L	100
68) 1,2-Dibromo-3-chloropr...	13.002	75	12628	4.34	ug/L	100
69) 1,3,5-Trichlorobenzene	13.227	180	147700	5.40	ug/L	100
70) 1,2,4-trichlorobenzene	13.848	180	120170	5.33	ug/L	100
71) Naphthalene	14.092	128	203339	5.32	ug/L	100
72) 1,2,3-Trichlorobenzene	14.336	180	114412	5.43	ug/L	100

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

