

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052521\
 Data File : VV021384.D
 Acq On : 25 May 2021 12:40
 Operator : SY/MD
 Sample : VSTD01065
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010165

Quant Time: May 26 07:19:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 26 07:18:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	265363	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	243002	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	137559	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	114565	7.13	ug/L	0.00
7) Chloroethane-d5	1.564	69	108508	8.13	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	216967	7.86	ug/L	0.00
20) 2-Butanone-d5	3.918	46	470451	104.09	ug/L	0.00
24) Chloroform-d	4.352	84	325740	9.31	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	152346	9.31	ug/L	0.00
32) Benzene-d6	5.050	84	617615	8.84	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	197830	9.15	ug/L	0.00
41) Toluene-d8	7.317	98	566431	8.70	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.625	79	83076	9.07	ug/L	0.00
46) 2-Hexanone-d5	8.091	63	411612	119.84	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	161869	11.69	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	249228	9.19	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	189741	9.60	ug/L	99
3) Chloromethane	1.236	50	165220	9.26	ug/L	100
5) Vinyl chloride	1.307	62	173322	9.55	ug/L	100
6) Bromomethane	1.519	94	114760	9.63	ug/L	100
8) Chloroethane	1.584	64	103538	9.63	ug/L	100
9) Trichlorofluoromethane	1.751	101	271253	10.17	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	149463	9.80	ug/L	99
12) 1,1-Dichloroethene	2.114	96	138297	9.45	ug/L	94
13) Acetone	2.224	43	224656	91.16	ug/L	98
14) Carbon disulfide	2.288	76	471347	9.32	ug/L	99
15) Methyl Acetate	2.449	43	70154	12.72	ug/L	97
16) Methylene chloride	2.506	84	178053	8.37	ug/L	97
17) Methyl tert-butyl Ether	2.773	73	414001	9.87	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	178981	10.01	ug/L	98
19) 1,1-Dichloroethane	3.188	63	312417	9.96	ug/L	98
21) 2-Butanone	3.998	43	414551	93.49	ug/L	86
22) cis-1,2-Dichloroethene	3.912	96	195051	9.96	ug/L	98
23) Bromochloromethane	4.249	128	89745	10.29	ug/L	93
25) Chloroform	4.378	83	317459	9.67	ug/L	99
27) 1,2-Dichloroethane	5.133	62	174325	9.65	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	297090	9.94	ug/L	98
30) Cyclohexane	4.677	56	286860	9.78	ug/L	99
31) Carbon tetrachloride	4.828	117	272088	10.20	ug/L	99
33) Benzene	5.101	78	690890	10.09	ug/L	100
34) Trichloroethene	5.915	95	189511	9.31	ug/L	99
35) Methylcyclohexane	6.133	83	308585	9.85	ug/L	100
37) 1,2-Dichloropropane	6.175	63	172878	10.25	ug/L	100
38) Bromodichloromethane	6.513	83	234559	10.17	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	280883	10.41	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	1068405	100.88	ug/L	99
42) Toluene	7.391	91	765736	10.00	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	232633	10.23	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.841	97	127161	10.10	ug/L	98
47) Tetrachloroethene	7.976	164	171516	10.12	ug/L	97
48) 2-Hexanone	8.143	43	741844	97.34	ug/L	99
49) Dibromochloromethane	8.249	129	172895	10.21	ug/L	98
50) 1,2-Dibromoethane	8.355	107	123683	10.21	ug/L	98
51) Chlorobenzene	8.882	112	506774	10.02	ug/L	99
52) Ethylbenzene	9.014	91	855908	10.01	ug/L	99
53) m,p-xylene	9.140	106	333487	10.15	ug/L	98
54) o-xylene	9.545	106	323570	10.09	ug/L	100
55) Styrene	9.561	104	552315	10.26	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.242	83	152988	12.68	ug/L	96
59) Bromoform	9.731	173	111582	10.76	ug/L	98
60) Isopropylbenzene	9.931	105	886417	10.02	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	107209	10.50	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	753565	9.98	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	774136	10.05	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	435316	10.24	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	435174	10.24	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	405072	10.29	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	26932	12.62	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	393204	10.62	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	335799	11.45	ug/L	99
71) Naphthalene	13.500	128	538455	13.08	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	297220	11.52	ug/L	99

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

