

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052521\
 Data File : VW021385.D
 Acq On : 25 May 2021 13:11
 Operator : SY/MD
 Sample : VSTD02066
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020166

Quant Time: May 26 07:19:36 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	5.616	114	251018	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	232555	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	131496	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	224600	14.79	ug/L	0.00
7) Chloroethane-d5	1.564	69	213576	16.92	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	424547	16.26	ug/L	0.00
20) 2-Butanone-d5	3.905	46	882759	206.48	ug/L	-0.02
24) Chloroform-d	4.346	84	629586	19.03	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.030	65	291065	18.81	ug/L	0.00
32) Benzene-d6	5.047	84	1190164	17.81	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	377982	18.26	ug/L	0.00
41) Toluene-d8	7.313	98	1082577	17.38	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	161225	18.39	ug/L	0.00
46) 2-Hexanone-d5	8.088	63	760786	231.46	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	298893	22.55	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	481290	18.57	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	384311	20.55	ug/L	100
3) Chloromethane	1.236	50	324036	19.20	ug/L	100
5) Vinyl chloride	1.307	62	343444	20.01	ug/L	100
6) Bromomethane	1.519	94	222742	19.76	ug/L	99
8) Chloroethane	1.580	64	203543	20.02	ug/L	99
9) Trichlorofluoromethane	1.748	101	536784	21.27	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	291588	20.22	ug/L	97
12) 1,1-Dichloroethene	2.111	96	270493	19.54	ug/L	88
13) Acetone	2.214	43	425019	182.32	ug/L #	30
14) Carbon disulfide	2.288	76	922874	19.29	ug/L	100
15) Methyl Acetate	2.442	43	139835	26.81	ug/L	98
16) Methylene chloride	2.503	84	373270	18.54	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	813696	20.51	ug/L	99
18) trans-1,2-Dichloroethene	2.754	96	350471	20.72	ug/L	98
19) 1,1-Dichloroethane	3.185	63	610706	20.58	ug/L	98
21) 2-Butanone	3.989	43	846406	201.79	ug/L	94
22) cis-1,2-Dichloroethene	3.908	96	384054	20.72	ug/L	100
23) Bromochloromethane	4.246	128	171849	20.82	ug/L	97
25) Chloroform	4.371	83	624709	20.12	ug/L	99
27) 1,2-Dichloroethane	5.130	62	340344	19.91	ug/L	99
29) 1,1,1-Trichloroethane	4.606	97	586817	20.52	ug/L	98
30) Cyclohexane	4.674	56	559003	19.91	ug/L	99
31) Carbon tetrachloride	4.825	117	539545	21.13	ug/L	100
33) Benzene	5.095	78	1340177	20.45	ug/L	100
34) Trichloroethene	5.911	95	371396	19.07	ug/L	100
35) Methylcyclohexane	6.130	83	609347	20.33	ug/L	99
37) 1,2-Dichloropropane	6.172	63	340498	21.09	ug/L	99
38) Bromodichloromethane	6.510	83	459592	20.82	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	546638	21.17	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	2001789	197.50	ug/L	99
42) Toluene	7.387	91	1482224	20.23	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	451997	20.77	ug/L	100

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

45) 1,1,2-Trichloroethane	7.837	97	243888	20.25	ug/L	98
47) Tetrachloroethene	7.976	164	338446	20.86	ug/L	97
48) 2-Hexanone	8.140	43	1380315	189.24	ug/L	99
49) Dibromochloromethane	8.246	129	339083	20.92	ug/L	97
50) 1,2-Dibromoethane	8.352	107	235088	20.29	ug/L	99
51) Chlorobenzene	8.879	112	987085	20.39	ug/L	99
52) Ethylbenzene	9.011	91	1666655	20.38	ug/L	99
53) m,p-xylene	9.136	106	643702	20.48	ug/L	98
54) o-xylene	9.542	106	625400	20.38	ug/L	99
55) Styrene	9.558	104	1068395	20.73	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	285434	24.72	ug/L	96
59) Bromoform	9.731	173	218372	22.03	ug/L	98
60) Isopropylbenzene	9.931	105	1708939	20.21	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	201133	20.60	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	1468943	20.36	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	1509386	20.50	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	861544	21.19	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	853095	21.00	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	784468	20.85	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	51159	25.07	ug/L	97
69) 1,3,5-Trichlorobenzene	12.644	180	793834	22.43	ug/L	100
70) 1,2,4-trichlorobenzene	13.258	180	676815	24.14	ug/L	100
71) Naphthalene	13.500	128	1058182	26.89	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	585599	23.74	ug/L	100

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

