

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121021\
 Data File : VW023882.D
 Acq On : 10 Dec 2021 13:03
 Operator : SY/MD
 Sample : VSTD02063
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020263

Quant Time: Dec 11 03:28:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 11 03:24:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	116191	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	117403	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	72843	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	127602	13.954	ug/L	0.00
7) Chloroethane-d5	1.568	69	107296	14.774	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	252051	15.666	ug/L	0.00
20) 2-Butanone-d5	3.902	46	335590	298.083	ug/L	0.00
24) Chloroform-d	4.349	84	296870	18.017	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.030	65	141320	18.373	ug/L	0.00
32) Benzene-d6	5.050	84	517661	16.715	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	154532	17.611	ug/L	0.00
41) Toluene-d8	7.317	98	472033	16.545	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	68026	19.201	ug/L	0.00
46) 2-Hexanone-d5	8.088	63	327909	264.313	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	123258	19.068	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	207083	16.541	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	201296	18.728	ug/L	100
3) Chloromethane	1.240	50	167258	17.919	ug/L	100
5) Vinyl chloride	1.310	62	187853	19.163	ug/L	99
6) Bromomethane	1.523	94	120989	21.143	ug/L	98
8) Chloroethane	1.584	64	117210	18.600	ug/L	96
9) Trichlorofluoromethane	1.754	101	328170	20.259	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	169997	20.713	ug/L	99
12) 1,1-Dichloroethene	2.117	96	155401	20.272	ug/L	97
13) Acetone	2.201	43	245433	257.456	ug/L	92
14) Carbon disulfide	2.294	76	452453	18.034	ug/L	100
15) Methyl Acetate	2.442	43	63772	28.482	ug/L	91
16) Methylene chloride	2.506	84	174329	15.842	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	388562	24.168	ug/L	99
18) trans-1,2-Dichloroethene	2.760	96	178324	20.421	ug/L	99
19) 1,1-Dichloroethane	3.188	63	316407	21.287	ug/L	99
21) 2-Butanone	3.986	43	364447	296.250	ug/L	97
22) cis-1,2-Dichloroethene	3.908	96	194960	22.800	ug/L	99
23) Bromochloromethane	4.246	128	87042	21.797	ug/L	94
25) Chloroform	4.375	83	345073	20.852	ug/L	99
27) 1,2-Dichloroethane	5.130	62	196981	22.496	ug/L	100
29) 1,1,1-Trichloroethane	4.609	97	327439	21.564	ug/L	100
30) Cyclohexane	4.677	56	268387	21.497	ug/L	99
31) Carbon tetrachloride	4.828	117	298329	21.503	ug/L	99
33) Benzene	5.098	78	716925	21.704	ug/L	100
34) Trichloroethene	5.911	95	193649	21.697	ug/L	98
35) Methylcyclohexane	6.130	83	306874	22.358	ug/L	98
37) 1,2-Dichloropropane	6.172	63	167787	21.433	ug/L	99
38) Bromodichloromethane	6.510	83	238920	22.272	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	265538	23.581	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	899149	238.314	ug/L	97
42) Toluene	7.387	91	807378	22.576	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	224569	23.699	ug/L	98

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45) 1,1,2-Trichloroethane	7.837	97	122234	22.225	ug/L	98
47) Tetrachloroethene	7.976	164	173644	21.467	ug/L	99
48) 2-Hexanone	8.140	43	657459	236.067	ug/L	97
49) Dibromochloromethane	8.246	129	171507	22.768	ug/L	100
50) 1,2-Dibromoethane	8.352	107	115625	21.825	ug/L	94
51) Chlorobenzene	8.879	112	527227	22.072	ug/L	99
52) Ethylbenzene	9.011	91	896520	23.761	ug/L	99
53) m,p-xylene	9.136	106	353191	23.729	ug/L	98
54) o-xylene	9.542	106	345304	24.179	ug/L	100
55) Styrene	9.561	104	584402	24.448	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	133986	22.093	ug/L	98
59) Bromoform	9.731	173	97278	20.454	ug/L	98
60) Isopropylbenzene	9.931	105	934285	21.937	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	97857	19.307	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	816812	23.011	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	815331	23.331	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	459764	21.008	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	452806	20.613	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	414285	20.698	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	23118	22.662	ug/L	97
69) 1,3,5-Trichlorobenzene	12.644	180	384771	22.433	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	313107	23.421	ug/L	97
71) Naphthalene	13.500	128	471224	25.960	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	271317	23.357	ug/L	99

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

