

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052121\
 Data File : VW021353.D
 Acq On : 21 May 2021 11:53
 Operator : SY/MD
 Sample : VSTD02065
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020165

Quant Time: May 21 12:10:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 21 12:08:10 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Difluorobenzene	5.622	114	289395	5.00 ug/L	0.00
28) Chlorobenzene-d5	8.853	117	269407	5.00 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	156471	5.00 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	1.304	65	388566	21.28 ug/L	0.00
7) Chloroethane-d5	1.567	69	319408	21.70 ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	649649	18.54 ug/L	0.00
20) 2-Butanone-d5	3.895	46	1080250	292.73 ug/L	-0.03
24) Chloroform-d	4.352	84	799475	22.72 ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	379179	22.81 ug/L	0.00
32) Benzene-d6	5.053	84	1608070	24.56 ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	492872	25.21 ug/L	0.00
41) Toluene-d8	7.316	98	1504508	23.93 ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	212229	27.90 ug/L	0.00
46) 2-Hexanone-d5	8.088	63	894874	331.82 ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	332822	24.69 ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	620673	22.55 ug/L	0.00
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.127	85	426408	13.03 ug/L	100
3) Chloromethane	1.243	50	400395	14.23 ug/L	99
5) Vinyl chloride	1.310	62	409851	13.70 ug/L	99
6) Bromomethane	1.522	94	270225	13.98 ug/L	99
8) Chloroethane	1.584	64	240198	13.53 ug/L	99
9) Trichlorofluoromethane	1.754	101	561056	12.99 ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	328166	14.22 ug/L	94
12) 1,1-Dichloroethene	2.117	96	318880	14.34 ug/L	90
13) Acetone	2.201	43	538011	185.24 ug/L	99
14) Carbon disulfide	2.294	76	1105594	16.20 ug/L	99
15) Methyl Acetate	2.439	43	145994	20.54 ug/L	99
16) Methylene chloride	2.506	84	380747	14.03 ug/L	99
17) Methyl tert-butyl Ether	2.770	73	914392	19.55 ug/L	99
18) trans-1,2-Dichloroethene	2.760	96	390385	16.58 ug/L	99
19) 1,1-Dichloroethane	3.191	63	686704	16.48 ug/L	99
21) 2-Butanone	3.979	43	971588	219.38 ug/L	96
22) cis-1,2-Dichloroethene	3.911	96	425011	17.18 ug/L	99
23) Bromochloromethane	4.252	128	193640	17.35 ug/L	98
25) Chloroform	4.378	83	700708	15.79 ug/L	99
27) 1,2-Dichloroethane	5.133	62	390251	16.05 ug/L	97
29) 1,1,1-Trichloroethane	4.609	97	644871	17.47 ug/L	97
30) Cyclohexane	4.680	56	624038	18.42 ug/L	98
31) Carbon tetrachloride	4.831	117	582957	17.97 ug/L	100
33) Benzene	5.101	78	1499862	16.83 ug/L	100
34) Trichloroethene	5.915	95	430724	16.97 ug/L	98
35) Methylcyclohexane	6.133	83	659526	17.69 ug/L	100
37) 1,2-Dichloropropane	6.175	63	378148	17.86 ug/L	100
38) Bromodichloromethane	6.513	83	510622	18.44 ug/L	96
39) cis-1,3-Dichloropropene	7.027	75	614937	20.32 ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	2278768	213.17 ug/L	99
42) Toluene	7.390	91	1634974	16.73 ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	512278	20.82 ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.841	97	272798	17.74	ug/L	99
47) Tetrachloroethene	7.976	164	361073	16.91	ug/L	97
48) 2-Hexanone	8.140	43	1602751	210.89	ug/L	98
49) Dibromochloromethane	8.249	129	375821	20.66	ug/L	99
50) 1,2-Dibromoethane	8.355	107	263127	18.10	ug/L	99
51) Chlorobenzene	8.882	112	1085976	16.79	ug/L	99
52) Ethylbenzene	9.011	91	1825605	16.92	ug/L	98
53) m,p-xylene	9.136	106	705543	17.05	ug/L	99
54) o-xylene	9.545	106	690128	17.64	ug/L	98
55) Styrene	9.561	104	1177313	18.02	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.239	83	275211	17.54	ug/L	99
59) Bromoform	9.731	173	238705	22.92	ug/L	99
60) Isopropylbenzene	9.931	105	1857500	16.33	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	226505	16.48	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	1623401	17.32	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	1669870	17.58	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	933401	16.11	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	927422	15.94	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	857146	16.33	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	53782	21.70	ug/L	85
69) 1,3,5-Trichlorobenzene	12.641	180	840391	17.66	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	700650	18.29	ug/L	98
71) Naphthalene	13.499	128	1048139	20.29	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	613619	18.61	ug/L	99

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

