

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100721\
 Data File : VW022659.D
 Acq On : 07 Oct 2021 12:38
 Operator : SY/MD
 Sample : VSTD00136
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001236

Quant Time: Oct 08 02:33:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 08 02:32:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	121266	5.000	ug/L	-0.01
28) Chlorobenzene-d5	8.850	117	110142	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54335	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.294	65	8646	1.803	ug/L	0.00
7) Chloroethane-d5	1.558	69	7603	1.332	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.098	63	16292	1.325	ug/L	0.00
20) 2-Butanone-d5	3.960	46	23359	10.113	ug/L	-0.02
24) Chloroform-d	4.336	84	17157	1.116	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.027	65	9093	1.239	ug/L	-0.02
32) Benzene-d6	5.037	84	37185	1.429	ug/L	-0.01
36) 1,2-Dichloropropane-d6	6.069	67	10371	1.153	ug/L	-0.01
41) Toluene-d8	7.313	98	26824	1.201	ug/L	-0.01
43) trans-1,3-Dichloroprop...	7.628	79	2954	1.187	ug/L	0.00
46) 2-Hexanone-d5	8.108	63	9453	6.695	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	6098	0.911	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	10298	1.172	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	7545	0.835	ug/L	98
3) Chloromethane	1.233	50	7868	0.869	ug/L	98
5) Vinyl chloride	1.301	62	8244	0.898	ug/L	96
6) Bromomethane	1.513	94	5023	0.826	ug/L	98
8) Chloroethane	1.577	64	4615	0.789	ug/L	100
9) Trichlorofluoromethane	1.741	101	11810	0.856	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	7090	0.901	ug/L	96
12) 1,1-Dichloroethene	2.108	96	6718	0.926	ug/L	97
13) Acetone	2.256	43	11589	9.237	ug/L	85
14) Carbon disulfide	2.281	76	18025	0.847	ug/L	98
15) Methyl Acetate	2.452	43	2645	0.761	ug/L #	86
16) Methylene chloride	2.497	84	11047	1.299	ug/L	98
17) Methyl tert-butyl Ether	2.773	73	15277	0.823	ug/L	97
18) trans-1,2-Dichloroethene	2.748	96	7387	0.934	ug/L	92
19) 1,1-Dichloroethane	3.178	63	12601	0.881	ug/L	96
21) 2-Butanone	4.043	43	17505	8.813	ug/L	94
22) cis-1,2-Dichloroethene	3.892	96	7295	0.847	ug/L	94
23) Bromochloromethane	4.240	128	3199	0.784	ug/L	97
25) Chloroform	4.368	83	15188	0.954	ug/L	96
27) 1,2-Dichloroethane	5.130	62	7358	0.882	ug/L	96
29) 1,1,1-Trichloroethane	4.587	97	11733	0.960	ug/L	96
30) Cyclohexane	4.648	56	11173	1.005	ug/L	97
31) Carbon tetrachloride	4.805	117	10005	0.919	ug/L	98
33) Benzene	5.085	78	28055	0.970	ug/L	100
34) Trichloroethene	5.902	95	7168	0.854	ug/L	96
35) Methylcyclohexane	6.114	83	9429	0.809	ug/L	98
37) 1,2-Dichloropropane	6.175	63	6359	0.894	ug/L #	93
38) Bromodichloromethane	6.510	83	7571	0.845	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	7453	0.777	ug/L	96
40) 4-Methyl-2-pentanone	7.246	43	29227	7.480	ug/L	99
42) Toluene	7.387	91	24339	0.799	ug/L	94
44) trans-1,3-Dichloropropene	7.657	75	6344	0.798	ug/L	96

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

45) 1,1,2-Trichloroethane	7.844	97	4832	0.910	ug/L	80
47) Tetrachloroethene	7.973	164	5598	0.854	ug/L	91
48) 2-Hexanone	8.156	43	23593	8.279	ug/L	98
49) Dibromochloromethane	8.249	129	5166	0.828	ug/L	90
50) 1,2-Dibromoethane	8.355	107	4203	0.854	ug/L	87
51) Chlorobenzene	8.879	112	16963	0.851	ug/L	93
52) Ethylbenzene	9.011	91	23772	0.764	ug/L	100
53) m,p-xylene	9.140	106	8939	0.747	ug/L	96
54) o-xylene	9.542	106	8188	0.695	ug/L	97
55) Styrene	9.564	104	14086	0.702	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.243	83	4297	0.750	ug/L	92
59) Bromoform	9.734	173	2675	0.858	ug/L #	96
60) Isopropylbenzene	9.931	105	22337	0.788	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	3457	0.875	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	17719	0.772	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	16515	0.706	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	12434	0.847	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	12689	0.845	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	12062	0.882	ug/L	93
68) 1,2-Dibromo-3-chloropr...	12.432	75	663	0.893	ug/L	85
69) 1,3,5-Trichlorobenzene	12.648	180	9329	0.848	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	6815	0.775	ug/L	98
71) Naphthalene	13.503	128	9919	0.702	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	6219	0.772	ug/L	97

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

