

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112321\
 Data File : VW023663.D
 Acq On : 23 Nov 2021 11:33
 Operator : SY/MD
 Sample : VSTD0.553
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5253

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/24/2021
 Supervised By : Mahesh Dadoda 11/26/2021

Quant Time: Nov 24 03:50:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 24 03:41:43 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	134033	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	135860	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	65945	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	6036	0.710	ug/L	0.00
7) Chloroethane-d5	1.568	69	4901	0.716	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	9789	0.612	ug/L	0.00
20) 2-Butanone-d5	3.966	46	5200m	3.740	ug/L	0.06
24) Chloroform-d	4.349	84	9790	0.562	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.040	65	4870	0.618	ug/L	0.00
32) Benzene-d6	5.053	84	17902	0.525	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	5008	0.503	ug/L	0.00
41) Toluene-d8	7.317	98	14807	0.461	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.635	79	1653	0.432	ug/L	0.01
46) 2-Hexanone-d5	8.101	63	5005m	3.650	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	3636	0.509	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	5903	0.551	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	5724	0.439	ug/L	97
3) Chloromethane	1.240	50	5204	0.467	ug/L	96
5) Vinyl chloride	1.311	62	5531	0.492	ug/L	95
6) Bromomethane	1.523	94	2851	0.409	ug/L	97
8) Chloroethane	1.584	64	3883	0.592	ug/L	99
9) Trichlorofluoromethane	1.751	101	8793	0.511	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	4157	0.481	ug/L	95
12) 1,1-Dichloroethene	2.118	96	3928	0.475	ug/L	85
13) Acetone	2.220	43	5930m	6.239	ug/L	
14) Carbon disulfide	2.291	76	13550	0.446	ug/L	99
15) Methyl Acetate	2.449	43	1336m	0.519	ug/L	
16) Methylene chloride	2.503	84	9353	0.792	ug/L	97
17) Methyl tert-butyl Ether	2.767	73	7304	0.408	ug/L	# 92
18) trans-1,2-Dichloroethene	2.761	96	4843	0.487	ug/L	99
19) 1,1-Dichloroethane	3.188	63	7827	0.466	ug/L	98
21) 2-Butanone	4.060	43	5830m	4.043	ug/L	
22) cis-1,2-Dichloroethene	3.915	96	3885	0.404	ug/L	98
23) Bromochloromethane	4.265	128	1903	0.430	ug/L	# 67
25) Chloroform	4.372	83	9009	0.497	ug/L	97
27) 1,2-Dichloroethane	5.140	62	4278	0.442	ug/L	# 90
29) 1,1,1-Trichloroethane	4.603	97	7813	0.461	ug/L	# 84
30) Cyclohexane	4.674	56	5884	0.392	ug/L	93
31) Carbon tetrachloride	4.828	117	6918	0.452	ug/L	98
33) Benzene	5.101	78	15701	0.408	ug/L	100
34) Trichloroethene	5.915	95	4508	0.437	ug/L	98
35) Methylcyclohexane	6.124	83	6619	0.407	ug/L	94
37) 1,2-Dichloropropane	6.175	63	4006	0.447	ug/L	# 93
38) Bromodichloromethane	6.510	83	5151	0.422	ug/L	96
39) cis-1,3-Dichloropropene	7.031	75	4886	0.376	ug/L	96
40) 4-Methyl-2-pentanone	7.233	43	15613m	3.678	ug/L	
42) Toluene	7.391	91	14594	0.352	ug/L	99
44) trans-1,3-Dichloropropene	7.658	75	4052	0.377	ug/L	93

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

45) 1,1,2-Trichloroethane	7.841	97	2281	0.349	ug/L	93
47) Tetrachloroethene	7.976	164	3767	0.418	ug/L	92
48) 2-Hexanone	8.149	43	11115m	3.764	ug/L	
49) Dibromochloromethane	8.246	129	3396	0.407	ug/L	93
50) 1,2-Dibromoethane	8.358	107	2486	0.413	ug/L #	96
51) Chlorobenzene	8.879	112	11280	0.409	ug/L	97
52) Ethylbenzene	9.011	91	15510	0.354	ug/L	99
53) m,p-xylene	9.143	106	5971	0.345	ug/L	97
54) o-xylene	9.545	106	5873	0.363	ug/L	92
55) Styrene	9.564	104	9032	0.325	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	2697	0.379	ug/L	95
59) Bromoform	9.738	173	2042	0.503	ug/L #	97
60) Isopropylbenzene	9.931	105	15006	0.388	ug/L	98
61) 1,2,3-Trichloropropane	10.275	75	2146	0.483	ug/L	93
62) 1,3,5-Trimethylbenzene	10.538	105	11885	0.370	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	11438	0.358	ug/L	95
64) 1,3-Dichlorobenzene	11.185	146	8357	0.425	ug/L	97
65) 1,4-Dichlorobenzene	11.272	146	8724	0.435	ug/L	97
67) 1,2-Dichlorobenzene	11.645	146	7774	0.439	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.439	75	371	0.394	ug/L	94
69) 1,3,5-Trichlorobenzene	12.648	180	6463	0.417	ug/L	97
70) 1,2,4-trichlorobenzene	13.265	180	4860	0.394	ug/L	98
71) Naphthalene	13.509	128	5815	0.326	ug/L	96
72) 1,2,3-Trichlorobenzene	13.744	180	3876	0.360	ug/L	97

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

