

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060123\
 Data File : VW031315.D
 Acq On : 01 Jun 2023 13:58
 Operator : SY/MD
 Sample : VSTD0.553
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5253

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/02/2023
 Supervised By : Mahesh Dadoda 06/02/2023

Quant Time: Jun 02 02:03:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 02 02:03:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	125025	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	127761	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	58656	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	6400	0.584	ug/L	0.00
7) Chloroethane-d5	1.536	69	5497	0.492	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.063	65	3038	0.544	ug/L	0.00
20) 2-Butanone-d5	3.915	46	11108m	3.239	ug/L	0.08
24) Chloroform-d	4.259	84	10109	0.415	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.963	65	5600m	0.433	ug/L	0.00
32) Benzene-d6	4.973	84	16970	0.383	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.002	67	6187	0.399	ug/L	0.00
41) Toluene-d8	7.252	98	15028	0.376	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.571	79	1655	0.317	ug/L	0.00
46) 2-Hexanone-d5	8.056	63	5267m	2.195	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.162	84	4629	0.387	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.571	152	5847	0.496	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	8870	0.452	ug/L	97
3) Chloromethane	1.217	50	9170	0.490	ug/L	92
5) Vinyl chloride	1.282	62	9698	0.516	ug/L	99
6) Bromomethane	1.491	94	4902	0.467	ug/L	94
8) Chloroethane	1.552	64	5774	0.490	ug/L	86
9) Trichlorofluoromethane	1.716	101	12433	0.442	ug/L	92
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	7813	0.496	ug/L	98
12) 1,1-Dichloroethene	2.073	96	6396	0.481	ug/L	93
13) Acetone	2.182	43	21991m	7.127	ug/L	
14) Carbon disulfide	2.243	76	18083	0.453	ug/L	99
15) Methyl Acetate	2.397	43	2663m	0.477	ug/L	
16) Methylene chloride	2.452	84	13823	0.770	ug/L	94
17) Methyl tert-butyl Ether	2.712	73	11717	0.407	ug/L	# 94
18) trans-1,2-Dichloroethene	2.700	96	5681	0.452	ug/L	85
19) 1,1-Dichloroethane	3.121	63	12571	0.452	ug/L	97
21) 2-Butanone	3.976	43	17824m	4.543	ug/L	
22) cis-1,2-Dichloroethene	3.831	96	5460	0.417	ug/L	95
23) Bromochloromethane	4.166	128	2642	0.448	ug/L	80
25) Chloroform	4.291	83	14086	0.482	ug/L	94
27) 1,2-Dichloroethane	5.063	62	7895	0.489	ug/L	97
29) 1,1,1-Trichloroethane	4.516	97	11661	0.473	ug/L	96
30) Cyclohexane	4.584	56	8373	0.365	ug/L	94
31) Carbon tetrachloride	4.744	117	10065	0.456	ug/L	95
33) Benzene	5.021	78	21013	0.392	ug/L	100
34) Trichloroethene	5.844	95	6998	0.476	ug/L	86
35) Methylcyclohexane	6.056	83	8136	0.374	ug/L	96
37) 1,2-Dichloropropane	6.101	63	6662	0.462	ug/L	# 93
38) Bromodichloromethane	6.442	83	9348	0.480	ug/L	95
39) cis-1,3-Dichloropropene	6.973	75	7344	0.374	ug/L	95
40) 4-Methyl-2-pentanone	7.175	43	26227	3.034	ug/L	92
42) Toluene	7.323	91	20453	0.365	ug/L	99
44) trans-1,3-Dichloropropene	7.600	75	6163	0.378	ug/L	99

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45) 1,1,2-Trichloroethane	7.783	97	4465	0.442	ug/L	95
47) Tetrachloroethene	7.915	164	5038	0.450	ug/L	94
48) 2-Hexanone	8.098	43	23036	3.511	ug/L #	90
49) Dibromochloromethane	8.185	129	4858	0.425	ug/L	96
50) 1,2-Dibromoethane	8.294	107	4262	0.440	ug/L #	97
51) Chlorobenzene	8.825	112	14646	0.426	ug/L	99
52) Ethylbenzene	8.956	91	21860	0.372	ug/L	96
53) m,p-Xylene	9.082	106	7579	0.359	ug/L	98
54) o-Xylene	9.487	106	7338	0.369	ug/L	91
55) Styrene	9.506	104	11329	0.322	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.188	83	5008	0.416	ug/L	96
59) Bromoform	9.677	173	2531	0.467	ug/L #	91
60) Isopropylbenzene	9.873	105	19803	0.412	ug/L	95
61) 1,2,3-Trichloropropane	10.217	75	3618	0.480	ug/L	96
62) 1,3,5-Trimethylbenzene	10.484	105	15859	0.406	ug/L	98
63) 1,2,4-Trimethylbenzene	10.860	105	14865	0.371	ug/L	94
64) 1,3-Dichlorobenzene	11.127	146	10510	0.453	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	10015	0.428	ug/L	86
67) 1,2-Dichlorobenzene	11.590	146	9795	0.456	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.374	75	579	0.335	ug/L	91
69) 1,3,5-Trichlorobenzene	12.593	180	7638	0.446	ug/L	93
70) 1,2,4-trichlorobenzene	13.207	180	4948	0.390	ug/L	96
71) Naphthalene	13.455	128	5661	0.318	ug/L	97
72) 1,2,3-Trichlorobenzene	13.693	180	4310	0.368	ug/L	99

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

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