

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052523\
 Data File : VV031235.D
 Acq On : 25 May 2023 15:54
 Operator : SY/MD
 Sample : VSTD0.544
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5244

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/26/2023
 Supervised By :Mahesh Dadoda 05/26/2023

Quant Time: May 26 06:34:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052523WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 26 06:30:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	138800	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	113435	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	69595	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	7519	0.489	ug/L	0.00
7) Chloroethane-d5	1.535	69	6059	0.505	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.063	65	3359	0.528	ug/L	0.00
20) 2-Butanone-d5	3.850	46	14080m	4.236	ug/L	0.04
24) Chloroform-d	4.265	84	14385	0.472	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.963	65	6512	0.432	ug/L	0.00
32) Benzene-d6	4.976	84	21286	0.449	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.001	67	7965	0.502	ug/L	0.00
41) Toluene-d8	7.255	98	18824	0.455	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.577	79	2144	0.421	ug/L	0.02
46) 2-Hexanone-d5	8.046	63	8570m	4.204	ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	10.162	84	6002	0.536	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.570	152	8997	0.551	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	7048	0.472	ug/L	97
3) Chloromethane	1.217	50	8416	0.504	ug/L	98
5) Vinyl chloride	1.285	62	7869	0.487	ug/L	93
6) Bromomethane	1.494	94	3879	0.486	ug/L	94
8) Chloroethane	1.555	64	3960	0.465	ug/L	92
9) Trichlorofluoromethane	1.719	101	9678	0.436	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	5933	0.504	ug/L	99
12) 1,1-Dichloroethene	2.076	96	4935	0.525	ug/L	84
13) Acetone	2.143	43	17468m	6.655	ug/L	
14) Carbon disulfide	2.246	76	13456	0.484	ug/L	99
15) Methyl Acetate	2.404	43	2661	0.513	ug/L	92
16) Methylene chloride	2.455	84	6511	0.402	ug/L	90
17) Methyl tert-butyl Ether	2.712	73	11309	0.436	ug/L	98
18) trans-1,2-Dichloroethene	2.706	96	4687	0.447	ug/L	94
19) 1,1-Dichloroethane	3.124	63	11530	0.446	ug/L	96
21) 2-Butanone	3.944	43	14676m	4.461	ug/L	
22) cis-1,2-Dichloroethene	3.831	96	5254	0.437	ug/L	95
23) Bromochloromethane	4.169	128	2505	0.467	ug/L	83
25) Chloroform	4.297	83	11787	0.446	ug/L	94
27) 1,2-Dichloroethane	5.056	62	6025	0.402	ug/L	97
29) 1,1,1-Trichloroethane	4.526	97	10253	0.485	ug/L #	79
30) Cyclohexane	4.587	56	7253	0.448	ug/L	98
31) Carbon tetrachloride	4.747	117	8022m	0.440	ug/L	
33) Benzene	5.027	78	17230	0.408	ug/L	100
34) Trichloroethene	5.847	95	5687	0.501	ug/L	94
35) Methylcyclohexane	6.063	83	6628	0.422	ug/L	98
37) 1,2-Dichloropropane	6.101	63	5852	0.473	ug/L #	95
38) Bromodichloromethane	6.445	83	7322	0.472	ug/L #	92
39) cis-1,3-Dichloropropene	6.972	75	6023	0.410	ug/L	92
40) 4-Methyl-2-pentanone	7.175	43	23491	3.872	ug/L	95
42) Toluene	7.329	91	17353	0.418	ug/L	96
44) trans-1,3-Dichloropropene	7.596	75	4878	0.383	ug/L	88

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

45) 1,1,2-Trichloroethane	7.786	97	2901	0.387	ug/L	90
47) Tetrachloroethene	7.915	164	3599	0.437	ug/L	96
48) 2-Hexanone	8.095	43	19947m	4.460	ug/L	
49) Dibromochloromethane	8.185	129	3844	0.427	ug/L	97
50) 1,2-Dibromoethane	8.294	107	3156	0.456	ug/L #	96
51) Chlorobenzene	8.828	112	12110	0.443	ug/L	97
52) Ethylbenzene	8.956	91	18320	0.400	ug/L	91
53) m,p-Xylene	9.085	106	7070	0.418	ug/L	94
54) o-Xylene	9.487	106	7007	0.435	ug/L	98
55) Styrene	9.509	104	11300	0.398	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.185	83	4391	0.464	ug/L #	88
59) Bromoform	9.673	173	2554	0.453	ug/L #	96
60) Isopropylbenzene	9.876	105	19641	0.387	ug/L	97
61) 1,2,3-Trichloropropane	10.220	75	3503	0.461	ug/L	96
62) 1,3,5-Trimethylbenzene	10.484	105	15728	0.382	ug/L	95
63) 1,2,4-Trimethylbenzene	10.860	105	15545	0.369	ug/L	99
64) 1,3-Dichlorobenzene	11.127	146	11111	0.463	ug/L	87
65) 1,4-Dichlorobenzene	11.217	146	12182	0.496	ug/L	98
67) 1,2-Dichlorobenzene	11.590	146	10750	0.467	ug/L	91
68) 1,2-Dibromo-3-chloropr...	12.371	75	808	0.504	ug/L #	80
69) 1,3,5-Trichlorobenzene	12.593	180	9805	0.503	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	8255	0.529	ug/L #	96
71) Naphthalene	13.451	128	16724	0.725	ug/L	97
72) 1,2,3-Trichlorobenzene	13.689	180	6950	0.518	ug/L #	92

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

