

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051322\
 Data File : VW025891.D
 Acq On : 13 May 2022 15:14
 Operator : SY/MD
 Sample : VSTD0.543
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5243

Quant Time: May 14 06:58:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR051322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat May 14 06:57:50 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/18/2022
 Supervised By : Mahesh Dadoda 05/19/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	194602	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	198954	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	95779	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	7418	0.371	ug/L	0.00
7) Chloroethane-d5	1.571	69	6233	0.356	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.114	63	17018	0.434	ug/L	0.00
20) 2-Butanone-d5	3.976	46	6852m	2.593	ug/L	0.07
24) Chloroform-d	4.359	84	12033	0.399	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.047	65	5234	0.394	ug/L	0.00
32) Benzene-d6	5.059	84	21861	0.363	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.079	67	6788	0.383	ug/L	0.00
41) Toluene-d8	7.320	98	19161	0.349	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.635	79	1950	0.346	ug/L	0.00
46) 2-Hexanone-d5	8.108	63	6093m	2.843	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.220	84	3954	0.351	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	6808	0.430	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	10667	0.466	ug/L	98
3) Chloromethane	1.243	50	12683	0.478	ug/L	96
5) Vinyl chloride	1.314	62	12926	0.482	ug/L	100
6) Bromomethane	1.526	94	7797	0.526	ug/L	97
8) Chloroethane	1.587	64	8727	0.503	ug/L	91
9) Trichlorofluoromethane	1.754	101	17006	0.462	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	9538	0.478	ug/L	97
12) 1,1-Dichloroethene	2.121	96	9323	0.486	ug/L	90
13) Acetone	2.188	43	9007m	4.696	ug/L	
14) Carbon disulfide	2.298	76	23635	0.483	ug/L	99
15) Methyl Acetate	2.452	43	1804	0.405	ug/L #	79
16) Methylene chloride	2.513	84	10337	0.557	ug/L	97
17) Methyl tert-butyl Ether	2.773	73	13096	0.451	ug/L #	92
18) trans-1,2-Dichloroethene	2.767	96	7761	0.463	ug/L	91
19) 1,1-Dichloroethane	3.195	63	15424	0.513	ug/L	96
21) 2-Butanone	4.027	43	10779m	4.155	ug/L	
22) cis-1,2-Dichloroethene	3.921	96	7691	0.450	ug/L	78
23) Bromochloromethane	4.259	128	3588	0.515	ug/L	82
25) Chloroform	4.378	83	15431	0.491	ug/L	100
27) 1,2-Dichloroethane	5.146	62	7885	0.467	ug/L	98
29) 1,1,1-Trichloroethane	4.613	97	13159	0.479	ug/L	98
30) Cyclohexane	4.680	56	10618	0.427	ug/L	95
31) Carbon tetrachloride	4.834	117	11187	0.476	ug/L	99
33) Benzene	5.108	78	31835	0.470	ug/L	100
34) Trichloroethene	5.924	95	8108	0.455	ug/L	90
35) Methylcyclohexane	6.133	83	11787	0.432	ug/L	98
37) 1,2-Dichloropropane	6.185	63	7158	0.439	ug/L	99
38) Bromodichloromethane	6.516	83	9427	0.462	ug/L	99
39) cis-1,3-Dichloropropene	7.040	75	7968	0.389	ug/L	100
40) 4-Methyl-2-pentanone	7.233	43	28406	4.097	ug/L	98
42) Toluene	7.394	91	29482	0.407	ug/L	98
44) trans-1,3-Dichloropropene	7.664	75	7038	0.433	ug/L	95

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

45) 1,1,2-Trichloroethane	7.844	97	5342	0.508	ug/L	98
47) Tetrachloroethene	7.979	164	6766	0.447	ug/L	92
48) 2-Hexanone	8.149	43	20351m	4.176	ug/L	
49) Dibromochloromethane	8.249	129	5206	0.446	ug/L	96
50) 1,2-Dibromoethane	8.358	107	4468	0.477	ug/L #	85
51) Chlorobenzene	8.882	112	21515	0.468	ug/L	99
52) Ethylbenzene	9.014	91	31584	0.421	ug/L	95
53) m,p-Xylene	9.140	106	11944	0.405	ug/L	95
54) o-Xylene	9.545	106	10958	0.393	ug/L	98
55) Styrene	9.564	104	16637	0.361	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	5371	0.475	ug/L	91
59) Bromoform	9.735	173	2434	0.527	ug/L #	77
60) Isopropylbenzene	9.931	105	28274	0.428	ug/L	98
61) 1,2,3-Trichloropropane	10.275	75	4402	0.560	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	11928	0.422	ug/L	97
63) 1,2,4-Trimethylbenzene	10.915	105	20634	0.399	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	14727	0.484	ug/L	95
65) 1,4-Dichlorobenzene	11.275	146	16227	0.525	ug/L	96
67) 1,2-Dichlorobenzene	11.644	146	13952	0.515	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.429	75	791m	0.542	ug/L	
69) 1,3,5-Trichlorobenzene	12.644	180	11645	0.508	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	8666	0.509	ug/L	98
71) Naphthalene	13.503	128	12358	0.509	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	7447	0.532	ug/L	98

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

