

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112321\
 Data File : VW023664.D
 Acq On : 23 Nov 2021 11:57
 Operator : SY/MD
 Sample : VSTD00154
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001254

Manual Integrations
 APPROVED

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

Quant Time: Nov 24 03:42:58 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	5.616	114	121052	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	123040	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	62971	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	10232	1.333	ug/L	0.00
7) Chloroethane-d5	1.568	69	8292	1.341	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	18204	1.260	ug/L	0.00
20) 2-Butanone-d5	3.950	46	10916m	8.693	ug/L	0.04
24) Chloroform-d	4.352	84	17972	1.143	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.040	65	8113	1.140	ug/L	0.00
32) Benzene-d6	5.056	84	33446	1.083	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	9915	1.101	ug/L	0.00
41) Toluene-d8	7.320	98	30001	1.031	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.632	79	3911	1.129	ug/L	0.00
46) 2-Hexanone-d5	8.101	63	10672m	8.593	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	6960	1.075	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	11536	1.128	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	11969	1.016	ug/L	99
3) Chloromethane	1.243	50	10697	1.063	ug/L	98
5) Vinyl chloride	1.311	62	10556	1.040	ug/L	98
6) Bromomethane	1.523	94	6354	1.010	ug/L	95
8) Chloroethane	1.587	64	7289	1.230	ug/L	94
9) Trichlorofluoromethane	1.754	101	17919	1.152	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	9069	1.161	ug/L	96
12) 1,1-Dichloroethene	2.121	96	8609	1.151	ug/L	91
13) Acetone	2.201	43	10693m	12.456	ug/L	
14) Carbon disulfide	2.298	76	27652	1.008	ug/L	99
15) Methyl Acetate	2.449	43	2215m	0.953	ug/L	
16) Methylene chloride	2.510	84	13076	1.226	ug/L	96
17) Methyl tert-butyl Ether	2.770	73	16581	1.025	ug/L #	94
18) trans-1,2-Dichloroethene	2.767	96	9104	1.013	ug/L	93
19) 1,1-Dichloroethane	3.195	63	15792	1.041	ug/L	96
21) 2-Butanone	4.031	43	11867m	9.112	ug/L	
22) cis-1,2-Dichloroethene	3.918	96	8528	0.982	ug/L	87
23) Bromochloromethane	4.256	128	4133	1.033	ug/L #	90
25) Chloroform	4.381	83	17547	1.071	ug/L	96
27) 1,2-Dichloroethane	5.140	62	9363	1.071	ug/L	98
29) 1,1,1-Trichloroethane	4.613	97	16336	1.064	ug/L	99
30) Cyclohexane	4.683	56	12129	0.892	ug/L	97
31) Carbon tetrachloride	4.828	117	15001	1.081	ug/L	98
33) Benzene	5.101	78	34044	0.977	ug/L	100
34) Trichloroethene	5.921	95	9177	0.983	ug/L	95
35) Methylcyclohexane	6.130	83	12268	0.833	ug/L	94
37) 1,2-Dichloropropane	6.178	63	8238	1.015	ug/L #	96
38) Bromodichloromethane	6.513	83	11358	1.027	ug/L #	95
39) cis-1,3-Dichloropropene	7.034	75	10882	0.925	ug/L	93
40) 4-Methyl-2-pentanone	7.233	43	35874m	9.330	ug/L	
42) Toluene	7.391	91	35864	0.954	ug/L	97
44) trans-1,3-Dichloropropene	7.658	75	8704	0.894	ug/L	95

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

45) 1,1,2-Trichloroethane	7.844	97	5675	0.958	ug/L	86
47) Tetrachloroethene	7.976	164	8523	1.045	ug/L	97
48) 2-Hexanone	8.146	43	26617m	9.952	ug/L	
49) Dibromochloromethane	8.246	129	7708	1.021	ug/L	99
50) 1,2-Dibromoethane	8.358	107	5323	0.975	ug/L	99
51) Chlorobenzene	8.886	112	24647	0.988	ug/L	97
52) Ethylbenzene	9.014	91	35719	0.900	ug/L	97
53) m,p-xylene	9.140	106	13794	0.879	ug/L	96
54) o-xylene	9.545	106	13123	0.897	ug/L	95
55) Styrene	9.564	104	20790	0.826	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.243	83	6322	0.982	ug/L	94
59) Bromoform	9.735	173	4016	1.036	ug/L #	96
60) Isopropylbenzene	9.931	105	34524	0.935	ug/L	98
61) 1,2,3-Trichloropropane	10.275	75	4730	1.115	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	27754	0.905	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	25653	0.841	ug/L	96
64) 1,3-Dichlorobenzene	11.182	146	18795	1.000	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	19140	1.000	ug/L	96
67) 1,2-Dichlorobenzene	11.645	146	17307	1.024	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.432	75	773	0.859	ug/L	88
69) 1,3,5-Trichlorobenzene	12.648	180	14167	0.958	ug/L	97
70) 1,2,4-trichlorobenzene	13.262	180	10693	0.909	ug/L	100
71) Naphthalene	13.506	128	13058	0.766	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	9048	0.880	ug/L	98

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

