

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120721\
 Data File : VW023832.D
 Acq On : 07 Dec 2021 18:55
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005382

Quant Time: Dec 08 01:17:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 02 02:08:23 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/08/2021
 Supervised By : Mahesh Dadoda 12/08/2021

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	148656	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	137607	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	76228	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	54138	4.436	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.800%
7) Chloroethane-d5	1.568	69	40715	4.244	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.800%
11) 1,1-Dichloroethene-d2	2.111	63	91108	4.236	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.800%
20) 2-Butanone-d5	3.918	46	101577m	69.239	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	138.480%#
24) Chloroform-d	4.352	84	102030	4.801	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	5.037	65	47193	4.754	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	5.050	84	194698	5.194	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.800%
36) 1,2-Dichloropropane-d6	6.072	67	55842	5.314	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.200%
41) Toluene-d8	7.317	98	183123	5.228	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.600%
43) trans-1,3-Dichloroprop...	7.625	79	22580	5.331	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.600%
46) 2-Hexanone-d5	8.091	63	98430	69.938	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	139.880%#
56) 1,1,2,2-Tetrachloroeth...	10.217	84	40902	5.409	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	69920	5.188	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	63510	4.503	ug/L	99
3) Chloromethane	1.240	50	52538	4.285	ug/L	99
5) Vinyl chloride	1.310	62	55897	4.341	ug/L	97
6) Bromomethane	1.523	94	28008	3.836	ug/L	96
8) Chloroethane	1.587	64	35460	4.346	ug/L	97
9) Trichlorofluoromethane	1.754	101	92429	4.405	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	48575	4.620	ug/L	98
12) 1,1-Dichloroethene	2.121	96	45224	4.541	ug/L	98
13) Acetone	2.211	43	71145m	53.894	ug/L	
14) Carbon disulfide	2.294	76	139564	4.169	ug/L	100
15) Methyl Acetate	2.442	43	17304	5.775	ug/L	95
16) Methylene chloride	2.510	84	54148	3.810	ug/L	93
17) Methyl tert-butyl Ether	2.770	73	115576	5.662	ug/L	99
18) trans-1,2-Dichloroethene	2.760	96	53215	4.691	ug/L	96
19) 1,1-Dichloroethane	3.191	63	93951	4.925	ug/L	99
21) 2-Butanone	3.998	43	92329	55.259	ug/L	96
22) cis-1,2-Dichloroethene	3.915	96	57424	5.278	ug/L	100
23) Bromochloromethane	4.252	128	25138	4.923	ug/L	98
25) Chloroform	4.378	83	100873	4.747	ug/L	99

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27) 1,2-Dichloroethane	5.133	62	56851	5.032	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	95159	5.292	ug/L	99
30) Cyclohexane	4.680	56	83259	5.548	ug/L	99
31) Carbon tetrachloride	4.828	117	85400	5.184	ug/L	100
33) Benzene	5.101	78	213036	5.430	ug/L	100
34) Trichloroethene	5.915	95	57819	5.502	ug/L	97
35) Methylcyclohexane	6.130	83	91861	5.607	ug/L	98
37) 1,2-Dichloropropane	6.172	63	49217	5.278	ug/L	99
38) Bromodichloromethane	6.510	83	67908	5.366	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	72653	5.475	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	260678	58.559	ug/L	98
42) Toluene	7.387	91	235103	5.526	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	61772	5.538	ug/L	97
45) 1,1,2-Trichloroethane	7.841	97	35083	5.433	ug/L	98
47) Tetrachloroethene	7.976	164	51493	5.383	ug/L	99
48) 2-Hexanone	8.143	43	185582	56.405	ug/L	98
49) Dibromochloromethane	8.246	129	46253	5.227	ug/L	98
50) 1,2-Dibromoethane	8.352	107	32887	5.223	ug/L	91
51) Chlorobenzene	8.882	112	154080	5.463	ug/L	98
52) Ethylbenzene	9.011	91	257011	5.779	ug/L	100
53) m,p-xylene	9.136	106	98547	5.568	ug/L	98
54) o-xylene	9.542	106	96011	5.704	ug/L	97
55) Styrene	9.561	104	161485	5.694	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.242	83	38921	5.418	ug/L	98
59) Bromoform	9.731	173	25525	5.070	ug/L	100
60) Isopropylbenzene	9.931	105	267350	5.874	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	27939	5.168	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	221482	5.848	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	227616	6.077	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	128679	5.529	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	126233	5.397	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	115280	5.413	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.429	75	6256	5.827	ug/L	94
69) 1,3,5-Trichlorobenzene	12.644	180	104695	5.763	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	80679	5.723	ug/L	96
71) Naphthalene	13.503	128	123552	6.512	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	72554	5.939	ug/L	98

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

