

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032822\
 Data File : VW025249.D
 Acq On : 28 Mar 2022 10:08
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005353

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/29/2022
 Supervised By : Mahesh Dadoda 04/01/2022

Quant Time: Mar 29 03:22:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Mar 28 03:13:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	150682	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	143752	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	73528	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	67233	4.777	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.600%
7) Chloroethane-d5	1.568	69	58741	4.973	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.400%
11) 1,1-Dichloroethene-d2	2.108	63	151407	4.966	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.400%
20) 2-Butanone-d5	3.912	46	77783m	55.479	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.960%
24) Chloroform-d	4.346	84	98443	5.359	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.200%
26) 1,2-Dichloroethane-d4	5.031	65	43587	5.369	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.400%
32) Benzene-d6	5.047	84	192377	5.290	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.800%
36) 1,2-Dichloropropane-d6	6.066	67	53706	5.269	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.400%
41) Toluene-d8	7.310	98	182963	5.485	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.600%
43) trans-1,3-Dichloroprop...	7.619	79	17783	5.348	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.000%
46) 2-Hexanone-d5	8.088	63	66005	54.965	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.920%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	36135	5.317	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	59760	5.060	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	83797	5.568	ug/L	98
3) Chloromethane	1.240	50	96171	5.417	ug/L	98
5) Vinyl chloride	1.310	62	108496	5.472	ug/L	99
6) Bromomethane	1.523	94	66764	5.672	ug/L	99
8) Chloroethane	1.584	64	66781	5.367	ug/L	98
9) Trichlorofluoromethane	1.754	101	148884	5.555	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	87677	5.507	ug/L	100
12) 1,1-Dichloroethene	2.117	96	83712	5.518	ug/L	96
13) Acetone	2.204	43	59292m	55.421	ug/L	
14) Carbon disulfide	2.294	76	180120	5.731	ug/L	98
15) Methyl Acetate	2.449	43	12620	5.182	ug/L	93
16) Methylene chloride	2.507	84	59001	4.953	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	104828	5.462	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	60263	5.534	ug/L	98
19) 1,1-Dichloroethane	3.188	63	100678	5.539	ug/L	99
21) 2-Butanone	3.989	43	83795m	56.921	ug/L	
22) cis-1,2-Dichloroethene	3.908	96	60215	5.443	ug/L	99
23) Bromochloromethane	4.246	128	25853	5.603	ug/L	95
25) Chloroform	4.371	83	110870	5.497	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	56742	5.448	ug/L	96
29) 1,1,1-Trichloroethane	4.603	97	96908	5.575	ug/L	99
30) Cyclohexane	4.674	56	83930	5.399	ug/L	98
31) Carbon tetrachloride	4.825	117	86718	5.764	ug/L	97
33) Benzene	5.095	78	240167	5.696	ug/L	100
34) Trichloroethene	5.908	95	63052	5.446	ug/L	98
35) Methylcyclohexane	6.127	83	98344	5.421	ug/L	98
37) 1,2-Dichloropropane	6.169	63	52831	5.402	ug/L	99
38) Bromodichloromethane	6.506	83	71101	5.738	ug/L	95
39) cis-1,3-Dichloropropene	7.024	75	68672	5.414	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	220955	56.579	ug/L	98
42) Toluene	7.384	91	262418	5.830	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	55548	5.572	ug/L	94
45) 1,1,2-Trichloroethane	7.837	97	38760	5.788	ug/L	98
47) Tetrachloroethene	7.973	164	49280	5.772	ug/L	96
48) 2-Hexanone	8.140	43	158827	56.864	ug/L	100
49) Dibromochloromethane	8.243	129	42986	5.965	ug/L	98
50) 1,2-Dibromoethane	8.352	107	35146	5.633	ug/L #	97
51) Chlorobenzene	8.879	112	164401	5.655	ug/L	99
52) Ethylbenzene	9.008	91	269044	5.635	ug/L	100
53) m,p-Xylene	9.136	106	107702	5.800	ug/L	96
54) o-Xylene	9.542	106	101636	5.726	ug/L	95
55) Styrene	9.558	104	171351	5.871	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	39714	5.689	ug/L	100
59) Bromoform	9.728	173	18612	6.193	ug/L	99
60) Isopropylbenzene	9.927	105	271338	5.564	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	30541	5.490	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	115475	5.281	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	215231	5.517	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	125449	5.493	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	124622	5.449	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	111626	5.554	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	5383	5.404	ug/L #	80
69) 1,3,5-Trichlorobenzene	12.644	180	90554	5.497	ug/L	97
70) 1,2,4-trichlorobenzene	13.258	180	67029	5.392	ug/L	99
71) Naphthalene	13.500	128	103381	5.337	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	59287	5.535	ug/L	99

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

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