

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031822\
 Data File : VW025088.D
 Acq On : 18 Mar 2022 10:19
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005338

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/28/2022
 Supervised By : Mahesh Dadoda 03/28/2022

Quant Time: Mar 19 00:47:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 18 02:20:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	143688	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	135598	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	66508	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	55928	4.930	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.600%
7) Chloroethane-d5	1.564	69	42095	5.067	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.400%
11) 1,1-Dichloroethene-d2	2.105	63	93191	5.083	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.600%
20) 2-Butanone-d5	3.905	46	63723	46.481	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.960%
24) Chloroform-d	4.346	84	94676	5.032	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	5.031	65	38918	4.948	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	5.047	84	192927	4.905	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
36) 1,2-Dichloropropane-d6	6.066	67	54925	4.856	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.200%
41) Toluene-d8	7.313	98	175056	4.883	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
43) trans-1,3-Dichloroprop...	7.622	79	18627	4.724	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.400%
46) 2-Hexanone-d5	8.088	63	63703	47.363	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.720%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	32905	4.945	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	54091	4.804	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	68991	5.434	ug/L	98
3) Chloromethane	1.240	50	60189	5.027	ug/L	99
5) Vinyl chloride	1.307	62	67222	5.321	ug/L	98
6) Bromomethane	1.519	94	42880	5.252	ug/L	97
8) Chloroethane	1.584	64	41971	5.479	ug/L	98
9) Trichlorofluoromethane	1.751	101	96059	5.591	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	53277	5.718	ug/L	99
12) 1,1-Dichloroethene	2.114	96	50210	5.485	ug/L	96
13) Acetone	2.191	43	49806m	54.320	ug/L	
14) Carbon disulfide	2.291	76	172107	5.255	ug/L	100
15) Methyl Acetate	2.442	43	14407	5.735	ug/L #	88
16) Methylene chloride	2.503	84	60496	5.454	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	109078	5.471	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	60550	5.497	ug/L	98
19) 1,1-Dichloroethane	3.185	63	104610	5.580	ug/L	99
21) 2-Butanone	3.986	43	82122m	56.748	ug/L	
22) cis-1,2-Dichloroethene	3.908	96	61298	5.512	ug/L	98
23) Bromochloromethane	4.246	128	25030	5.708	ug/L	97
25) Chloroform	4.371	83	109276	5.598	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	53229	5.484	ug/L	96
29) 1,1,1-Trichloroethane	4.603	97	95693	5.534	ug/L	99
30) Cyclohexane	4.670	56	87791	5.218	ug/L	98
31) Carbon tetrachloride	4.825	117	82434	5.556	ug/L	99
33) Benzene	5.095	78	238962	5.418	ug/L	100
34) Trichloroethene	5.912	95	65400	5.569	ug/L	99
35) Methylcyclohexane	6.124	83	100377	5.400	ug/L	99
37) 1,2-Dichloropropane	6.169	63	56459	5.570	ug/L	100
38) Bromodichloromethane	6.506	83	69988	5.460	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	76040	5.403	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	229288	54.978	ug/L	97
42) Toluene	7.384	91	258149	5.593	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	58983	5.327	ug/L	98
45) 1,1,2-Trichloroethane	7.838	97	37997	5.613	ug/L	99
47) Tetrachloroethene	7.973	164	45712	5.533	ug/L	99
48) 2-Hexanone	8.137	43	160616	54.323	ug/L	99
49) Dibromochloromethane	8.243	129	42110	5.557	ug/L	100
50) 1,2-Dibromoethane	8.352	107	34517	5.571	ug/L	99
51) Chlorobenzene	8.879	112	160586	5.556	ug/L	99
52) Ethylbenzene	9.011	91	270463	5.539	ug/L	99
53) m,p-xylene	9.136	106	106057	5.640	ug/L	98
54) o-xylene	9.542	106	101152	5.625	ug/L	98
55) Styrene	9.558	104	170673	5.828	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	38057	5.734	ug/L	99
59) Bromoform	9.731	173	18596	5.191	ug/L	98
60) Isopropylbenzene	9.927	105	272901	5.441	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	29613	5.294	ug/L	97
62) 1,3,5-Trimethylbenzene	10.535	105	119620	5.256	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	220689	5.475	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	119020	5.470	ug/L	96
65) 1,4-Dichlorobenzene	11.271	146	117609	5.362	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	105219	5.458	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	5201	5.424	ug/L	98
69) 1,3,5-Trichlorobenzene	12.641	180	84971	5.529	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	64672	5.401	ug/L	99
71) Naphthalene	13.500	128	111464	5.606	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	56877	5.606	ug/L	99

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

