

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120921\
 Data File : VW023853.D
 Acq On : 09 Dec 2021 10:24
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005385

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/10/2021
 Supervised By : Mahesh Dadoda 12/10/2021

Quant Time: Dec 10 00:41:39 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

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	109651	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	107727	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	60604	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	37165	4.129	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.600%
7) Chloroethane-d5	1.564	69	29998	4.240	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.800%
11) 1,1-Dichloroethene-d2	2.105	63	68050	4.290	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.800%
20) 2-Butanone-d5	3.918	46	55360	51.159	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.320%
24) Chloroform-d	4.339	84	77259	4.929	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
26) 1,2-Dichloroethane-d4	5.027	65	36126	4.933	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
32) Benzene-d6	5.047	84	136994	4.668	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
36) 1,2-Dichloropropane-d6	6.066	67	40332	4.902	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.000%
41) Toluene-d8	7.310	98	129519	4.724	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
43) trans-1,3-Dichloroprop...	7.619	79	17387	5.243	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.800%
46) 2-Hexanone-d5	8.088	63	72445	65.752	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	131.500%#
56) 1,1,2,2-Tetrachloroeth...	10.214	84	30629	5.174	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	54162	5.055	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	45284	4.353	ug/L	98
3) Chloromethane	1.237	50	37322	4.127	ug/L	96
5) Vinyl chloride	1.307	62	41784	4.399	ug/L	99
6) Bromomethane	1.519	94	25769	4.785	ug/L	99
8) Chloroethane	1.581	64	25749	4.278	ug/L	96
9) Trichlorofluoromethane	1.748	101	72974	4.715	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	37673	4.857	ug/L	99
12) 1,1-Dichloroethene	2.114	96	34132	4.646	ug/L	95
13) Acetone	2.208	43	36675m	37.665	ug/L	
14) Carbon disulfide	2.291	76	104441	4.229	ug/L	99
15) Methyl Acetate	2.442	43	7623	3.449	ug/L	99
16) Methylene chloride	2.503	84	40250	3.840	ug/L	99
17) Methyl tert-butyl Ether	2.764	73	77158	5.125	ug/L	98
18) trans-1,2-Dichloroethene	2.754	96	38966	4.657	ug/L	99
19) 1,1-Dichloroethane	3.185	63	66199	4.705	ug/L	98
21) 2-Butanone	3.995	43	50366	40.867	ug/L #	70
22) cis-1,2-Dichloroethene	3.905	96	40421	5.037	ug/L	100
23) Bromochloromethane	4.243	128	18307	4.861	ug/L	98
25) Chloroform	4.368	83	74685	4.765	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	39902	4.788	ug/L	98
29) 1,1,1-Trichloroethane	4.600	97	70164	4.984	ug/L	99
30) Cyclohexane	4.670	56	54895	4.673	ug/L	98
31) Carbon tetrachloride	4.822	117	64887	5.032	ug/L	100
33) Benzene	5.095	78	153502	4.998	ug/L	100
34) Trichloroethene	5.908	95	41267	5.016	ug/L	98
35) Methylcyclohexane	6.124	83	64215	5.007	ug/L	96
37) 1,2-Dichloropropane	6.169	63	33935	4.648	ug/L	100
38) Bromodichloromethane	6.506	83	49420	4.988	ug/L	95
39) cis-1,3-Dichloropropene	7.027	75	52692	5.072	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	179900	51.622	ug/L	99
42) Toluene	7.384	91	174288	5.233	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	46444	5.319	ug/L	98
45) 1,1,2-Trichloroethane	7.834	97	26733	5.289	ug/L	97
47) Tetrachloroethene	7.973	164	37585	5.019	ug/L	99
48) 2-Hexanone	8.140	43	136043	52.817	ug/L	99
49) Dibromochloromethane	8.243	129	37101	5.356	ug/L	98
50) 1,2-Dibromoethane	8.349	107	24781	5.027	ug/L	93
51) Chlorobenzene	8.879	112	111968	5.071	ug/L	98
52) Ethylbenzene	9.011	91	182219	5.234	ug/L	99
53) m,p-xylene	9.137	106	72488	5.231	ug/L	97
54) o-xylene	9.542	106	69013	5.237	ug/L	98
55) Styrene	9.558	104	119337	5.375	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	28588	5.083	ug/L	98
59) Bromoform	9.731	173	20929	5.229	ug/L	98
60) Isopropylbenzene	9.928	105	190276	5.258	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	21027	4.892	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	160844	5.342	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	158441	5.321	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	96504	5.216	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	95354	5.128	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	85673	5.060	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.429	75	4550	5.331	ug/L #	90
69) 1,3,5-Trichlorobenzene	12.644	180	77010	5.331	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	60041	5.357	ug/L	97
71) Naphthalene	13.503	128	82443	5.466	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	53227	5.481	ug/L	99

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

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