

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120621\
 Data File : VW023791.D
 Acq On : 06 Dec 2021 10:43
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005379

Quant Time: Dec 07 05:28:59 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	5.612	114	140359	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	135828	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	74005	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	39536	3.431	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.600%
7) Chloroethane-d5	1.564	69	33433	3.691	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.800%
11) 1,1-Dichloroethene-d2	2.105	63	79664	3.923	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.400%
20) 2-Butanone-d5	3.918	46	78304	56.531	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.060%
24) Chloroform-d	4.346	84	92233	4.597	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	5.030	65	41509	4.428	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
32) Benzene-d6	5.047	84	170041	4.596	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	6.066	67	47239	4.554	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.000%
41) Toluene-d8	7.313	98	165424	4.785	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
43) trans-1,3-Dichloroprop...	7.619	79	20545	4.914	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.200%
46) 2-Hexanone-d5	8.088	63	75039	54.016	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.040%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	34755	4.656	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	65403	4.999	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	56176	4.218	ug/L	98
3) Chloromethane	1.240	50	46240	3.994	ug/L	99
5) Vinyl chloride	1.310	62	49641	4.083	ug/L	98
6) Bromomethane	1.519	94	31632	4.588	ug/L	98
8) Chloroethane	1.584	64	30660	3.979	ug/L	97
9) Trichlorofluoromethane	1.751	101	85007	4.291	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	44227	4.455	ug/L	98
12) 1,1-Dichloroethene	2.114	96	39849	4.238	ug/L	88
13) Acetone	2.217	43	51758	41.525	ug/L	75
14) Carbon disulfide	2.291	76	126059	3.988	ug/L	99
15) Methyl Acetate	2.439	43	12496	4.417	ug/L	99
16) Methylene chloride	2.503	84	48693	3.629	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	93981	4.877	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	45855	4.281	ug/L	100
19) 1,1-Dichloroethane	3.185	63	78965	4.384	ug/L	99
21) 2-Butanone	3.992	43	78728	49.904	ug/L	92
22) cis-1,2-Dichloroethene	3.908	96	49427	4.812	ug/L	92
23) Bromochloromethane	4.249	128	21855	4.533	ug/L	91
25) Chloroform	4.371	83	86122	4.292	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	47400	4.444	ug/L	100
29) 1,1,1-Trichloroethane	4.603	97	82140	4.628	ug/L	100
30) Cyclohexane	4.670	56	67628	4.566	ug/L	97
31) Carbon tetrachloride	4.825	117	75398	4.637	ug/L	100
33) Benzene	5.095	78	180984	4.674	ug/L	100
34) Trichloroethene	5.911	95	49442	4.766	ug/L	98
35) Methylcyclohexane	6.127	83	76413	4.725	ug/L	98
37) 1,2-Dichloropropane	6.169	63	41921	4.554	ug/L	98
38) Bromodichloromethane	6.506	83	58168	4.656	ug/L	95
39) cis-1,3-Dichloropropene	7.024	75	63322	4.834	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	206502	46.997	ug/L	98
42) Toluene	7.384	91	200766	4.781	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	53843	4.891	ug/L	98
45) 1,1,2-Trichloroethane	7.837	97	30537	4.791	ug/L	98
47) Tetrachloroethene	7.972	164	45014	4.768	ug/L	99
48) 2-Hexanone	8.140	43	152125	46.842	ug/L	97
49) Dibromochloromethane	8.243	129	41320	4.731	ug/L	98
50) 1,2-Dibromoethane	8.352	107	28919	4.653	ug/L	97
51) Chlorobenzene	8.879	112	130609	4.691	ug/L	97
52) Ethylbenzene	9.011	91	215308	4.905	ug/L	100
53) m,p-xylene	9.136	106	87565	5.012	ug/L	97
54) o-xylene	9.542	106	82004	4.936	ug/L	97
55) Styrene	9.558	104	138436	4.945	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	31618	4.459	ug/L	99
59) Bromoform	9.731	173	23960	4.902	ug/L	100
60) Isopropylbenzene	9.931	105	224373	5.078	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	23329	4.445	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	187786	5.107	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	190058	5.227	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	112179	4.965	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	110188	4.853	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	100701	4.870	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	5579	5.353	ug/L	94
69) 1,3,5-Trichlorobenzene	12.644	180	87606	4.967	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	70728	5.168	ug/L	99
71) Naphthalene	13.503	128	104271	5.661	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	62258	5.250	ug/L	99

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

