

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110921\
 Data File : VW023348.D
 Acq On : 10 Nov 2021 21:33
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005346

Quant Time: Nov 11 01:13:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 11 00:38:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	137793	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	134166	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	76396	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	39704	4.600	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.000%
7) Chloroethane-d5	1.568	69	30247	4.299	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.000%
11) 1,1-Dichloroethene-d2	2.111	63	74793	4.628	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.600%
20) 2-Butanone-d5	3.889	46	87463	58.812	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.620%
24) Chloroform-d	4.352	84	79477	4.320	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
26) 1,2-Dichloroethane-d4	5.037	65	37808	4.570	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
32) Benzene-d6	5.053	84	156474	4.545	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	6.072	67	45413	4.481	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.600%
41) Toluene-d8	7.317	98	150353	4.661	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
43) trans-1,3-Dichloroprop...	7.625	79	17231	4.484	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.600%
46) 2-Hexanone-d5	8.088	63	72315	51.151	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.300%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	32666	4.482	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	56433	4.436	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	62378	4.643	ug/L	98
3) Chloromethane	1.240	50	55298	4.841	ug/L	97
5) Vinyl chloride	1.310	62	55396	4.855	ug/L	100
6) Bromomethane	1.523	94	25959	3.560	ug/L	92
8) Chloroethane	1.584	64	30078	4.568	ug/L	100
9) Trichlorofluoromethane	1.754	101	81680	4.765	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	41191	4.773	ug/L	98
12) 1,1-Dichloroethene	2.121	96	40595	4.940	ug/L	82
13) Acetone	2.175	43	62301	68.560	ug/L	91
14) Carbon disulfide	2.294	76	140731	4.538	ug/L	100
15) Methyl Acetate	2.436	43	16720	6.501	ug/L	95
16) Methylene chloride	2.510	84	49991	4.169	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	98020	5.419	ug/L	97
18) trans-1,2-Dichloroethene	2.764	96	48831	4.834	ug/L	97
19) 1,1-Dichloroethane	3.191	63	84709	4.967	ug/L	98
21) 2-Butanone	3.969	43	101725	69.240	ug/L	96
22) cis-1,2-Dichloroethene	3.915	96	50464	5.191	ug/L #	91
23) Bromochloromethane	4.252	128	22701	5.064	ug/L	87
25) Chloroform	4.378	83	89492	4.923	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	50548	5.228	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	79481	4.878	ug/L	98
30) Cyclohexane	4.680	56	73058	5.004	ug/L	98
31) Carbon tetrachloride	4.831	117	72098	4.927	ug/L	98
33) Benzene	5.101	78	190919	5.091	ug/L	100
34) Trichloroethene	5.918	95	49289	4.943	ug/L	97
35) Methylcyclohexane	6.133	83	77019	4.893	ug/L	96
37) 1,2-Dichloropropane	6.175	63	45059	5.147	ug/L	99
38) Bromodichloromethane	6.513	83	58865	5.017	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	63007	5.004	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	249005	61.328	ug/L	98
42) Toluene	7.387	91	208503	5.198	ug/L	97
44) trans-1,3-Dichloropropene	7.654	75	53948	5.164	ug/L	97
45) 1,1,2-Trichloroethane	7.841	97	32237	5.125	ug/L	96
47) Tetrachloroethene	7.976	164	42714	4.942	ug/L	99
48) 2-Hexanone	8.140	43	179035	62.928	ug/L	98
49) Dibromochloromethane	8.246	129	41268	5.178	ug/L	99
50) 1,2-Dibromoethane	8.355	107	30427	5.220	ug/L	99
51) Chlorobenzene	8.882	112	132572	4.973	ug/L	99
52) Ethylbenzene	9.014	91	216229	5.111	ug/L	97
53) m,p-xylene	9.140	106	84556	5.093	ug/L	98
54) o-xylene	9.545	106	80743	5.184	ug/L	98
55) Styrene	9.561	104	141091	5.288	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	36435	5.287	ug/L	99
59) Bromoform	9.735	173	22361	4.900	ug/L	99
60) Isopropylbenzene	9.934	105	219753	5.013	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	26352	5.193	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	183362	5.044	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	185220	5.119	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	110771	4.945	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	110230	4.819	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	99641	4.971	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	5779	5.345	ug/L	94
69) 1,3,5-Trichlorobenzene	12.644	180	84622	4.825	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	67900	4.835	ug/L	99
71) Naphthalene	13.503	128	103627	5.004	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	61492	5.004	ug/L	99

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

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