

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111221\
 Data File : VW023468.D
 Acq On : 13 Nov 2021 02:01
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005353

Quant Time: Nov 13 03:33:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 13 01:39:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	120697	5.000	ug/L	-0.02
28) Chlorobenzene-d5	8.854	117	118693	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	64611	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	51262	6.780	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 135.600%#		
7) Chloroethane-d5	1.568	69	35856	5.818	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 116.400%		
11) 1,1-Dichloroethene-d2	2.111	63	85155	6.016	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 120.400%		
20) 2-Butanone-d5	3.889	46	79109	60.729	ug/L	-0.10
Spiked Amount	50.000	Range 40 - 130	Recovery	= 121.460%		
24) Chloroform-d	4.349	84	89932	5.581	ug/L	-0.01
Spiked Amount	5.000	Range 70 - 125	Recovery	= 111.600%		
26) 1,2-Dichloroethane-d4	5.034	65	40508	5.590	ug/L	-0.02
Spiked Amount	5.000	Range 70 - 130	Recovery	= 111.800%		
32) Benzene-d6	5.053	84	173209	5.687	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 113.800%		
36) 1,2-Dichloropropane-d6	6.072	67	48542	5.415	ug/L	-0.02
Spiked Amount	5.000	Range 60 - 140	Recovery	= 108.200%		
41) Toluene-d8	7.317	98	167612	5.873	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 117.400%		
43) trans-1,3-Dichloroprop...	7.625	79	18568	5.462	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 109.200%		
46) 2-Hexanone-d5	8.088	63	57932	46.319	ug/L	-0.02
Spiked Amount	50.000	Range 45 - 130	Recovery	= 92.640%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	32496	5.040	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 100.800%		
66) 1,2-Dichlorobenzene-d4	11.625	152	58175	5.407	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 108.200%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	53066	4.509	ug/L	99
3) Chloromethane	1.240	50	49906	4.987	ug/L	100
5) Vinyl chloride	1.310	62	50356	5.039	ug/L	100
6) Bromomethane	1.523	94	31025	4.857	ug/L	99
8) Chloroethane	1.584	64	27879	4.834	ug/L	99
9) Trichlorofluoromethane	1.754	101	74693	4.974	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	37510	4.962	ug/L	96
12) 1,1-Dichloroethene	2.117	96	35885	4.986	ug/L	91
13) Acetone	2.179	43	50051	62.881	ug/L	91
14) Carbon disulfide	2.294	76	116874	4.303	ug/L	99
15) Methyl Acetate	2.439	43	13028	5.783	ug/L	92
16) Methylene chloride	2.506	84	42372	4.034	ug/L	99
17) Methyl tert-butyl Ether	2.770	73	75934	4.793	ug/L	97
18) trans-1,2-Dichloroethene	2.761	96	40393	4.565	ug/L	99
19) 1,1-Dichloroethane	3.191	63	71289	4.772	ug/L	97
21) 2-Butanone	3.979	43	72880	56.633	ug/L	94
22) cis-1,2-Dichloroethene	3.915	96	42532	4.995	ug/L #	89
23) Bromochloromethane	4.249	128	19169	4.882	ug/L #	84
25) Chloroform	4.375	83	79966	5.022	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	41231	4.868	ug/L	97
29) 1,1,1-Trichloroethane	4.609	97	69832	4.844	ug/L	99
30) Cyclohexane	4.680	56	57322	4.438	ug/L	95
31) Carbon tetrachloride	4.828	117	63319	4.891	ug/L	99
33) Benzene	5.101	78	165470	4.988	ug/L	100
34) Trichloroethene	5.915	95	42136	4.776	ug/L	98
35) Methylcyclohexane	6.130	83	61028	4.383	ug/L	96
37) 1,2-Dichloropropane	6.175	63	40566	5.238	ug/L	98
38) Bromodichloromethane	6.510	83	50732	4.888	ug/L	100
39) cis-1,3-Dichloropropene	7.030	75	51709	4.642	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	190890	53.143	ug/L	99
42) Toluene	7.387	91	180171	5.078	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	43122	4.665	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	27899	5.014	ug/L	98
47) Tetrachloroethene	7.976	164	36385	4.759	ug/L	98
48) 2-Hexanone	8.140	43	139636	55.478	ug/L	98
49) Dibromochloromethane	8.246	129	34321	4.868	ug/L	100
50) 1,2-Dibromoethane	8.355	107	25591	4.962	ug/L	96
51) Chlorobenzene	8.882	112	111641	4.733	ug/L	100
52) Ethylbenzene	9.014	91	180833	4.832	ug/L	98
53) m,p-xylene	9.140	106	72632	4.945	ug/L	98
54) o-xylene	9.545	106	66756	4.845	ug/L	94
55) Styrene	9.561	104	119792	5.075	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	28667	4.702	ug/L	99
59) Bromoform	9.731	173	18718	4.850	ug/L #	96
60) Isopropylbenzene	9.931	105	185061	4.991	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	21315	4.966	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	149411	4.860	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	149854	4.897	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	92840	4.901	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	91285	4.718	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	83957	4.953	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	4251	4.649	ug/L #	73
69) 1,3,5-Trichlorobenzene	12.648	180	67976	4.583	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	50906	4.286	ug/L	99
71) Naphthalene	13.503	128	70104	4.003	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	47455	4.566	ug/L	97

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

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