

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110521\
 Data File : VW023246.D
 Acq On : 05 Nov 2021 20:40
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005339

Quant Time: Nov 09 03:46:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 09 02:04:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	135757	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	133210	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	75201	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	41720	4.906	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	98.200%	
7) Chloroethane-d5	1.568	69	34745	5.013	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	100.200%	
11) 1,1-Dichloroethene-d2	2.111	63	78651	4.940	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	98.800%	
20) 2-Butanone-d5	3.908	46	77269	52.736	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	105.480%	
24) Chloroform-d	4.352	84	92006	5.076	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.600%	
26) 1,2-Dichloroethane-d4	5.037	65	40956	5.025	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.600%	
32) Benzene-d6	5.053	84	175499	5.135	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.600%	
36) 1,2-Dichloropropane-d6	6.072	67	51090	5.078	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	101.600%	
41) Toluene-d8	7.317	98	166467	5.197	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.000%	
43) trans-1,3-Dichloroprop...	7.625	79	18178	4.765	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	95.200%	
46) 2-Hexanone-d5	8.092	63	75899	54.072	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	108.140%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	37369	5.165	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	103.200%	
66) 1,2-Dichlorobenzene-d4	11.625	152	61336	4.898	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	98.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	64363	4.862	ug/L	100
3) Chloromethane	1.240	50	56765	5.044	ug/L	95
5) Vinyl chloride	1.310	62	56536	5.030	ug/L	99
6) Bromomethane	1.523	94	35553	4.948	ug/L	99
8) Chloroethane	1.584	64	33048	5.095	ug/L	96
9) Trichlorofluoromethane	1.754	101	85516	5.063	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	41196	4.845	ug/L	97
12) 1,1-Dichloroethene	2.121	96	39963	4.936	ug/L	85
13) Acetone	2.195	43	44145	49.309	ug/L	95
14) Carbon disulfide	2.294	76	150772	4.935	ug/L	100
15) Methyl Acetate	2.445	43	15825	6.245	ug/L #	86
16) Methylene chloride	2.510	84	51363	4.348	ug/L	95
17) Methyl tert-butyl Ether	2.773	73	90246	5.064	ug/L	95
18) trans-1,2-Dichloroethene	2.761	96	50477	5.072	ug/L	95
19) 1,1-Dichloroethane	3.191	63	87596	5.213	ug/L	97
21) 2-Butanone	3.995	43	76392	52.777	ug/L	98
22) cis-1,2-Dichloroethene	3.918	96	49474	5.166	ug/L #	93
23) Bromochloromethane	4.252	128	22637	5.126	ug/L #	84
25) Chloroform	4.378	83	91256	5.095	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	48534	5.095	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	83169	5.141	ug/L	99
30) Cyclohexane	4.683	56	73314	5.057	ug/L	98
31) Carbon tetrachloride	4.831	117	74067	5.098	ug/L	98
33) Benzene	5.101	78	194606	5.227	ug/L	100
34) Trichloroethene	5.918	95	50938	5.145	ug/L	100
35) Methylcyclohexane	6.133	83	75680	4.843	ug/L	98
37) 1,2-Dichloropropane	6.175	63	47099	5.419	ug/L	97
38) Bromodichloromethane	6.513	83	60353	5.181	ug/L	95
39) cis-1,3-Dichloropropene	7.031	75	58645	4.691	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	230076	57.072	ug/L	98
42) Toluene	7.391	91	217341	5.458	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	52603	5.071	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	32584	5.217	ug/L	98
47) Tetrachloroethene	7.976	164	43173	5.031	ug/L	98
48) 2-Hexanone	8.143	43	170067	60.205	ug/L	99
49) Dibromochloromethane	8.249	129	40684	5.141	ug/L	99
50) 1,2-Dibromoethane	8.355	107	30973	5.351	ug/L #	98
51) Chlorobenzene	8.883	112	133952	5.061	ug/L	98
52) Ethylbenzene	9.014	91	218760	5.208	ug/L	98
53) m,p-xylene	9.140	106	85537	5.189	ug/L	95
54) o-xylene	9.545	106	82038	5.305	ug/L	97
55) Styrene	9.561	104	145755	5.502	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	36198	5.290	ug/L	96
59) Bromoform	9.735	173	22507	5.011	ug/L #	98
60) Isopropylbenzene	9.931	105	222076	5.146	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	26196	5.244	ug/L	98
62) 1,3,5-Trimethylbenzene	10.542	105	178816	4.997	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	182162	5.115	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	112392	5.097	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	112485	4.995	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	103481	5.245	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.432	75	5248	4.931	ug/L	91
69) 1,3,5-Trichlorobenzene	12.644	180	81324	4.711	ug/L	96
70) 1,2,4-trichlorobenzene	13.262	180	64445	4.661	ug/L	99
71) Naphthalene	13.503	128	93036	4.564	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	59981	4.959	ug/L	97

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

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