

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121021\
 Data File : VW023902.D
 Acq On : 10 Dec 2021 21:26
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005388

Quant Time: Dec 11 04:54:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 11 04:33:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	105450	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	111767	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	67508	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	27208	4.800	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.000%
7) Chloroethane-d5	1.568	69	24884	5.261	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.200%
11) 1,1-Dichloroethene-d2	2.111	63	56246	5.083	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.600%
20) 2-Butanone-d5	3.905	46	51394	46.404	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.800%
24) Chloroform-d	4.349	84	68609	5.343	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.800%
26) 1,2-Dichloroethane-d4	5.034	65	31863	5.330	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.600%
32) Benzene-d6	5.053	84	110837	5.007	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
36) 1,2-Dichloropropane-d6	6.069	67	34909	5.227	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.600%
41) Toluene-d8	7.317	98	103822	5.209	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.200%
43) trans-1,3-Dichloroprop...	7.625	79	14196	5.124	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.400%
46) 2-Hexanone-d5	8.092	63	69549	56.072	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.140%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	29691	5.359	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	46201	5.123	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	48098	5.240	ug/L	99
3) Chloromethane	1.240	50	39266	5.007	ug/L	97
5) Vinyl chloride	1.310	62	44544	5.237	ug/L	100
6) Bromomethane	1.523	94	22004	4.071	ug/L	98
8) Chloroethane	1.584	64	28721	5.189	ug/L	100
9) Trichlorofluoromethane	1.754	101	78951	5.342	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	41774	5.366	ug/L	98
12) 1,1-Dichloroethene	2.121	96	37199	5.258	ug/L	92
13) Acetone	2.195	43	27495	31.030	ug/L	68
14) Carbon disulfide	2.294	76	103250	5.031	ug/L	100
15) Methyl Acetate	2.445	43	10223	4.760	ug/L	90
16) Methylene chloride	2.510	84	45951	4.965	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	84508	5.282	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	40991	5.234	ug/L	97
19) 1,1-Dichloroethane	3.191	63	73726	5.245	ug/L	99
21) 2-Butanone	3.992	43	49384	39.007	ug/L	88
22) cis-1,2-Dichloroethene	3.915	96	43917	5.298	ug/L	97
23) Bromochloromethane	4.249	128	20879	5.542	ug/L #	87
25) Chloroform	4.375	83	81143	5.193	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	43611	5.152	ug/L	98
29) 1,1,1-Trichloroethane	4.613	97	78720	5.383	ug/L	98
30) Cyclohexane	4.680	56	58034	5.004	ug/L	98
31) Carbon tetrachloride	4.828	117	69560	5.061	ug/L	98
33) Benzene	5.101	78	166302	5.260	ug/L	100
34) Trichloroethene	5.915	95	44445	4.984	ug/L	99
35) Methylcyclohexane	6.130	83	64854	4.941	ug/L	98
37) 1,2-Dichloropropane	6.175	63	39294	5.229	ug/L	100
38) Bromodichloromethane	6.510	83	56358	5.294	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	52171	4.676	ug/L	95
40) 4-Methyl-2-pentanone	7.227	43	203281	56.311	ug/L	99
42) Toluene	7.387	91	190508	5.354	ug/L	97
44) trans-1,3-Dichloropropene	7.654	75	49375	5.120	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	29894	5.377	ug/L	97
47) Tetrachloroethene	7.976	164	40828	5.200	ug/L	99
48) 2-Hexanone	8.140	43	148262	56.641	ug/L	99
49) Dibromochloromethane	8.246	129	40213	5.316	ug/L	99
50) 1,2-Dibromoethane	8.355	107	28264	5.476	ug/L	94
51) Chlorobenzene	8.883	112	123783	5.205	ug/L	99
52) Ethylbenzene	9.011	91	195216	5.200	ug/L	99
53) m,p-xylene	9.137	106	78337	5.276	ug/L	98
54) o-xylene	9.542	106	74411	5.182	ug/L	97
55) Styrene	9.561	104	131683	5.509	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	33313	5.472	ug/L	97
59) Bromoform	9.731	173	22762	5.254	ug/L	98
60) Isopropylbenzene	9.931	105	206542	5.211	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	23676	5.148	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	167113	5.083	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	169785	5.183	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	105690	5.214	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	104499	5.133	ug/L	97
67) 1,2-Dichlorobenzene	11.644	146	95105	5.121	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	5134	5.111	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	82515	4.949	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	63146	4.822	ug/L	97
71) Naphthalene	13.503	128	89962	4.780	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	58572	5.066	ug/L	99

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

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