

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121721\
 Data File : VW024080.D
 Acq On : 17 Dec 2021 21:28
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005281

Quant Time: Dec 18 01:49:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 18 01:42:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	88283	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	94354	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	57772	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	21480	4.526	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.600%
7) Chloroethane-d5	1.568	69	19255	4.863	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.200%
11) 1,1-Dichloroethene-d2	2.111	63	50815	5.485	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	109.800%
20) 2-Butanone-d5	3.909	46	33949	36.613	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.220%
24) Chloroform-d	4.349	84	54660	5.085	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.600%
26) 1,2-Dichloroethane-d4	5.034	65	26058	5.206	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.200%
32) Benzene-d6	5.050	84	97743	5.230	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.600%
36) 1,2-Dichloropropane-d6	6.069	67	27749	4.922	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.400%
41) Toluene-d8	7.317	98	101038	6.005	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	120.200%
43) trans-1,3-Dichloroprop...	7.622	79	11058	4.728	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.600%
46) 2-Hexanone-d5	8.092	63	39934	38.138	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.280%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	20974	4.484	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	38402	4.976	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	39460	5.135	ug/L	99
3) Chloromethane	1.240	50	34055	5.187	ug/L	97
5) Vinyl chloride	1.311	62	39081	5.488	ug/L	99
6) Bromomethane	1.523	94	24816	5.484	ug/L	100
8) Chloroethane	1.584	64	25302	5.461	ug/L	95
9) Trichlorofluoromethane	1.754	101	72498	5.859	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	36820	5.650	ug/L	99
12) 1,1-Dichloroethene	2.118	96	34305	5.792	ug/L	96
13) Acetone	2.192	43	27054	36.470	ug/L	90
14) Carbon disulfide	2.294	76	85324	4.966	ug/L	100
15) Methyl Acetate	2.442	43	7832	4.356	ug/L	91
16) Methylene chloride	2.507	84	38307	4.944	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	74555	5.566	ug/L	98
18) trans-1,2-Dichloroethene	2.761	96	35126	5.357	ug/L	94
19) 1,1-Dichloroethane	3.188	63	67960	5.775	ug/L	98
21) 2-Butanone	3.989	43	47392	44.713	ug/L	100
22) cis-1,2-Dichloroethene	3.912	96	38952	5.612	ug/L	94
23) Bromochloromethane	4.249	128	18153	5.756	ug/L	91
25) Chloroform	4.375	83	76083	5.816	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	40614	5.730	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	70561	5.716	ug/L	99
30) Cyclohexane	4.680	56	48144	4.917	ug/L	98
31) Carbon tetrachloride	4.828	117	64330	5.544	ug/L	99
33) Benzene	5.098	78	150051	5.621	ug/L	100
34) Trichloroethene	5.915	95	39697	5.273	ug/L	96
35) Methylcyclohexane	6.130	83	54326	4.903	ug/L	98
37) 1,2-Dichloropropane	6.172	63	35586	5.609	ug/L	99
38) Bromodichloromethane	6.510	83	50962	5.671	ug/L #	97
39) cis-1,3-Dichloropropene	7.027	75	47461	5.039	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	176613	57.952	ug/L	99
42) Toluene	7.387	91	170360	5.671	ug/L	97
44) trans-1,3-Dichloropropene	7.651	75	42018	5.161	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	26532	5.653	ug/L	99
47) Tetrachloroethene	7.973	164	35988	5.430	ug/L	98
48) 2-Hexanone	8.140	43	128378	58.096	ug/L	99
49) Dibromochloromethane	8.246	129	34407	5.388	ug/L	97
50) 1,2-Dibromoethane	8.352	107	25066	5.752	ug/L	100
51) Chlorobenzene	8.879	112	110583	5.508	ug/L	98
52) Ethylbenzene	9.011	91	172951	5.457	ug/L	99
53) m,p-xylene	9.140	106	69213	5.522	ug/L	100
54) o-xylene	9.545	106	66435	5.481	ug/L	99
55) Styrene	9.561	104	116651	5.781	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	27517	5.354	ug/L #	98
59) Bromoform	9.731	173	18434	4.972	ug/L	96
60) Isopropylbenzene	9.931	105	182743	5.387	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	20924	5.317	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	146055	5.191	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	149524	5.334	ug/L	99
64) 1,3-Dichlorobenzene	11.182	146	93475	5.388	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	91701	5.263	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	83239	5.237	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	4269	4.966	ug/L	93
69) 1,3,5-Trichlorobenzene	12.645	180	71585	5.017	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	52256	4.663	ug/L	97
71) Naphthalene	13.503	128	76502	4.750	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	49531	5.006	ug/L	99

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

