

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101223\
 Data File : VW032420.D
 Acq On : 12 Oct 2023 16:33
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005283

Quant Time: Oct 12 22:39:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 12 22:36:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	106039	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	116490	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	63556	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	35746	4.145	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.800%
7) Chloroethane-d5	1.532	69	31555	4.508	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.200%
11) 1,1-Dichloroethene-d2	2.060	65	14346	3.944	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.800%
20) 2-Butanone-d5	3.806	46	105218	48.230	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.460%
24) Chloroform-d	4.253	84	71373	4.691	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	4.947	65	33281	4.618	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	4.963	84	130340	3.803	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.000%
36) 1,2-Dichloropropane-d6	5.992	67	40932	3.604	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	72.000%
41) Toluene-d8	7.246	98	126377	4.032	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.600%
43) trans-1,3-Dichloroprop...	7.558	79	16408	4.077	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.600%
46) 2-Hexanone-d5	8.027	63	89198	47.108	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.220%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	37814	4.760	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.200%
66) 1,2-Dichlorobenzene-d4	11.564	152	48946	4.150	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	60550	5.124	ug/L	99
3) Chloromethane	1.217	50	60929	5.115	ug/L	99
5) Vinyl chloride	1.282	62	57646	5.074	ug/L	100
6) Bromomethane	1.491	94	33883	4.937	ug/L	100
8) Chloroethane	1.552	64	36048	5.270	ug/L	98
9) Trichlorofluoromethane	1.716	101	72383	5.312	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	45585	5.521	ug/L	99
12) 1,1-Dichloroethene	2.073	96	40033	5.148	ug/L	81
13) Acetone	2.130	43	82314	48.954	ug/L	99
14) Carbon disulfide	2.243	76	120591	4.436	ug/L	99
15) Methyl Acetate	2.384	43	18334	4.843	ug/L	98
16) Methylene chloride	2.449	84	46628	4.599	ug/L	97
17) Methyl tert-butyl Ether	2.706	73	98371	4.646	ug/L	98
18) trans-1,2-Dichloroethene	2.696	96	43425	4.875	ug/L	99
19) 1,1-Dichloroethane	3.114	63	85161	5.082	ug/L	98
21) 2-Butanone	3.886	43	122237	46.488	ug/L	100
22) cis-1,2-Dichloroethene	3.818	96	46995	4.900	ug/L	97
23) Bromochloromethane	4.153	128	20491	5.078	ug/L	98
25) Chloroform	4.281	83	84141	5.118	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	49326	5.078	ug/L	99
29) 1,1,1-Trichloroethane	4.516	97	69826	4.409	ug/L	99
30) Cyclohexane	4.584	56	67469	3.877	ug/L	99
31) Carbon tetrachloride	4.738	117	59494	4.439	ug/L	99
33) Benzene	5.015	78	177306	4.323	ug/L	100
34) Trichloroethene	5.838	95	46929	4.192	ug/L	94
35) Methylcyclohexane	6.053	83	73883	4.264	ug/L	97
37) 1,2-Dichloropropane	6.095	63	52880	4.821	ug/L	99
38) Bromodichloromethane	6.436	83	61083	4.687	ug/L	100
39) cis-1,3-Dichloropropene	6.960	75	66947	4.289	ug/L	99
40) 4-Methyl-2-pentanone	7.162	43	304965	43.936	ug/L	99
42) Toluene	7.320	91	202512	4.632	ug/L	98
44) trans-1,3-Dichloropropene	7.587	75	54346	4.236	ug/L	99
45) 1,1,2-Trichloroethane	7.773	97	35062	4.532	ug/L	95
47) Tetrachloroethene	7.908	164	37931	4.467	ug/L	99
48) 2-Hexanone	8.079	43	223102	45.556	ug/L	100
49) Dibromochloromethane	8.178	129	37248	4.624	ug/L	99
50) 1,2-Dibromoethane	8.288	107	33101	4.523	ug/L	100
51) Chlorobenzene	8.818	112	129451	4.599	ug/L	99
52) Ethylbenzene	8.950	91	216285	4.442	ug/L	100
53) m,p-Xylene	9.075	106	81363	4.506	ug/L	99
54) o-Xylene	9.481	106	77631	4.462	ug/L	98
55) Styrene	9.500	104	138260	4.705	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.182	83	40606	4.770	ug/L	98
59) Bromoform	9.670	173	19364	4.190	ug/L	100
60) Isopropylbenzene	9.870	105	214339	4.339	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	29277	4.328	ug/L	99
62) 1,3,5-Trimethylbenzene	10.481	105	166814	4.144	ug/L	99
63) 1,2,4-Trimethylbenzene	10.854	105	167268	4.173	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	103934	4.405	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	105314	4.449	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	96511	4.485	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	5591	4.045	ug/L	94
69) 1,3,5-Trichlorobenzene	12.587	180	74871	4.333	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	61882	4.037	ug/L	99
71) Naphthalene	13.442	128	89548	3.439	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	56267	4.260	ug/L	97

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

