

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021224\
 Data File : VW034142.D
 Acq On : 12 Feb 2024 16:08
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005349

Quant Time: Feb 13 00:48:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 13 00:43:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	75391	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	70456	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	37552	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	26006	4.454	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.000%
7) Chloroethane-d5	1.532	69	21877	4.278	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.600%
11) 1,1-Dichloroethene-d2	2.060	65	12816	4.551	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.000%
20) 2-Butanone-d5	3.809	46	47575	48.515	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.040%
24) Chloroform-d	4.252	84	50679	4.777	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	4.947	65	24258	4.892	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
32) Benzene-d6	4.963	84	90361	4.275	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
36) 1,2-Dichloropropane-d6	5.992	67	25176	4.261	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.200%
41) Toluene-d8	7.243	98	85941	4.424	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	7.558	79	10612	4.756	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.200%
46) 2-Hexanone-d5	8.027	63	37441	47.008	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.020%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	16731	4.671	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.400%
66) 1,2-Dichlorobenzene-d4	11.561	152	31141	4.560	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	32506	4.705	ug/L	99
3) Chloromethane	1.217	50	35316	4.686	ug/L	99
5) Vinyl chloride	1.285	62	35220	4.891	ug/L	89
6) Bromomethane	1.490	94	18969	5.002	ug/L	97
8) Chloroethane	1.552	64	21926	4.463	ug/L	98
9) Trichlorofluoromethane	1.716	101	58240	5.612	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	28802	5.309	ug/L	99
12) 1,1-Dichloroethene	2.072	96	28017	5.320	ug/L	87
13) Acetone	2.134	43	37857	50.887	ug/L #	37
14) Carbon disulfide	2.240	76	74108	4.349	ug/L	100
15) Methyl Acetate	2.384	43	7930	4.504	ug/L	95
16) Methylene chloride	2.449	84	25602	5.066	ug/L	97
17) Methyl tert-butyl Ether	2.706	73	60463	5.587	ug/L	98
18) trans-1,2-Dichloroethene	2.696	96	25689	4.789	ug/L	97
19) 1,1-Dichloroethane	3.114	63	49846	5.057	ug/L	97
21) 2-Butanone	3.889	43	47686	48.505	ug/L #	56
22) cis-1,2-Dichloroethene	3.818	96	28365	4.661	ug/L	95
23) Bromochloromethane	4.153	128	11793	5.574	ug/L #	85
25) Chloroform	4.278	83	52234	5.242	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	30988	5.431	ug/L	99
29) 1,1,1-Trichloroethane	4.516	97	49758	5.260	ug/L	99
30) Cyclohexane	4.584	56	41463	4.507	ug/L	96
31) Carbon tetrachloride	4.735	117	44295	5.352	ug/L	100
33) Benzene	5.011	78	104709	4.955	ug/L	100
34) Trichloroethene	5.834	95	28564	4.670	ug/L	96
35) Methylcyclohexane	6.050	83	43870	4.570	ug/L	97
37) 1,2-Dichloropropane	6.095	63	25129	4.909	ug/L	98
38) Bromodichloromethane	6.436	83	34623	5.153	ug/L	96
39) cis-1,3-Dichloropropene	6.956	75	38636	4.961	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	126115	51.450	ug/L	98
42) Toluene	7.317	91	113847	5.041	ug/L	98
44) trans-1,3-Dichloropropene	7.583	75	31658	5.294	ug/L	96
45) 1,1,2-Trichloroethane	7.773	97	17154	5.427	ug/L	94
47) Tetrachloroethene	7.908	164	23441	4.717	ug/L	93
48) 2-Hexanone	8.079	43	90786	52.543	ug/L	99
49) Dibromochloromethane	8.178	129	19640	5.229	ug/L	96
50) 1,2-Dibromoethane	8.288	107	15616	5.504	ug/L #	98
51) Chlorobenzene	8.815	112	72986	5.111	ug/L	97
52) Ethylbenzene	8.947	91	132760	5.107	ug/L	98
53) m,p-Xylene	9.075	106	50056	5.095	ug/L	99
54) o-Xylene	9.477	106	47848	5.051	ug/L	99
55) Styrene	9.497	104	80282	5.293	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.181	83	17339	5.197	ug/L	98
59) Bromoform	9.667	173	9940	4.805	ug/L	98
60) Isopropylbenzene	9.866	105	133819	4.816	ug/L	98
61) 1,2,3-Trichloropropane	10.210	75	12546	4.860	ug/L	97
62) 1,3,5-Trimethylbenzene	10.477	105	113946	4.851	ug/L	100
63) 1,2,4-Trimethylbenzene	10.853	105	111897	4.903	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	61277	5.058	ug/L	97
65) 1,4-Dichlorobenzene	11.210	146	59986	5.000	ug/L	100
67) 1,2-Dichlorobenzene	11.580	146	53381	5.130	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.368	75	2830	5.231	ug/L	98
69) 1,3,5-Trichlorobenzene	12.583	180	46886	5.001	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	38695	5.287	ug/L	98
71) Naphthalene	13.439	128	54679	5.701	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	32002	5.457	ug/L	99

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

