

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041224\
 Data File : VW035191.D
 Acq On : 12 Apr 2024 22:15
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005385

Quant Time: Apr 13 05:34:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 13 03:40:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	188136	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	189635	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	98606	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	47507	3.064	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.200%
7) Chloroethane-d5	1.532	69	49360	3.861	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.200%
11) 1,1-Dichloroethene-d2	2.056	65	24333	3.455	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.200%
20) 2-Butanone-d5	3.825	46	145032	59.783	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.560%
24) Chloroform-d	4.249	84	114590	4.567	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
26) 1,2-Dichloroethane-d4	4.947	65	55472	4.896	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
32) Benzene-d6	4.960	84	209902	4.231	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
36) 1,2-Dichloropropane-d6	5.989	67	67506	4.637	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.800%
41) Toluene-d8	7.243	98	192632	4.275	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.400%
43) trans-1,3-Dichloroprop...	7.558	79	19524	3.775	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.400%
46) 2-Hexanone-d5	8.027	63	115987	65.341	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	130.680%#
56) 1,1,2,2-Tetrachloroeth...	10.153	84	55106	5.425	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.400%
66) 1,2-Dichlorobenzene-d4	11.561	152	67515	4.347	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	57227	3.952	ug/L	98
3) Chloromethane	1.214	50	76573	4.360	ug/L	99
5) Vinyl chloride	1.282	62	81509	4.340	ug/L	99
6) Bromomethane	1.487	94	35723	3.331	ug/L	98
8) Chloroethane	1.548	64	55886	4.629	ug/L	99
9) Trichlorofluoromethane	1.712	101	113045	4.528	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	68550	4.482	ug/L	98
12) 1,1-Dichloroethene	2.069	96	65299	4.572	ug/L	92
13) Acetone	2.150	43	114250	64.559	ug/L	77
14) Carbon disulfide	2.240	76	165380	3.887	ug/L	100
15) Methyl Acetate	2.391	43	25935	5.309	ug/L	93
16) Methylene chloride	2.445	84	78252	4.994	ug/L	93
17) Methyl tert-butyl Ether	2.706	73	162386	5.280	ug/L	99
18) trans-1,2-Dichloroethene	2.693	96	66591	4.703	ug/L	94
19) 1,1-Dichloroethane	3.111	63	144851	5.186	ug/L	99
21) 2-Butanone	3.902	43	147984	52.174	ug/L #	76
22) cis-1,2-Dichloroethene	3.815	96	71723	4.837	ug/L	95
23) Bromochloromethane	4.153	128	32758	5.262	ug/L	99
25) Chloroform	4.278	83	141543	5.102	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	84775	5.430	ug/L	99
29) 1,1,1-Trichloroethane	4.510	97	114250	4.916	ug/L	98
30) Cyclohexane	4.580	56	91081	4.254	ug/L	98
31) Carbon tetrachloride	4.735	117	96525	4.853	ug/L	99
33) Benzene	5.011	78	286478	4.934	ug/L	100
34) Trichloroethene	5.834	95	71798	4.747	ug/L	98
35) Methylcyclohexane	6.050	83	94068	4.083	ug/L	97
37) 1,2-Dichloropropane	6.092	63	79630	5.290	ug/L	99
38) Bromodichloromethane	6.432	83	96437	5.078	ug/L	96
39) cis-1,3-Dichloropropene	6.957	75	90517	4.476	ug/L	97
40) 4-Methyl-2-pentanone	7.159	43	408775	60.185	ug/L	98
42) Toluene	7.313	91	303861	4.979	ug/L	99
44) trans-1,3-Dichloropropene	7.583	75	79085	4.718	ug/L	98
45) 1,1,2-Trichloroethane	7.770	97	54439	5.504	ug/L	97
47) Tetrachloroethene	7.905	164	55537	4.887	ug/L	99
48) 2-Hexanone	8.075	43	305083	59.501	ug/L	96
49) Dibromochloromethane	8.175	129	57244	4.917	ug/L	98
50) 1,2-Dibromoethane	8.281	107	50600	5.434	ug/L	98
51) Chlorobenzene	8.815	112	192848	4.891	ug/L	99
52) Ethylbenzene	8.947	91	311291	4.723	ug/L	100
53) m,p-Xylene	9.072	106	115258	4.762	ug/L	98
54) o-Xylene	9.477	106	112875	4.753	ug/L	98
55) Styrene	9.497	104	199430	5.223	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	69207	5.854	ug/L	99
59) Bromoform	9.667	173	28021	4.572	ug/L	97
60) Isopropylbenzene	9.866	105	285669	4.635	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	49910	5.422	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	222686	4.398	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	237741	4.629	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	152180	4.838	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	149758	4.754	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	143547	4.940	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	9669	5.110	ug/L	98
69) 1,3,5-Trichlorobenzene	12.583	180	110855	4.694	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	90030	4.907	ug/L	99
71) Naphthalene	13.439	128	120938	4.691	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	83737	5.190	ug/L	100

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

