

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022824\
 Data File : VW034467.D
 Acq On : 28 Feb 2024 13:29
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005376

Quant Time: Feb 29 00:37:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 29 00:34:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	142533	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	136742	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	71755	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	32973	3.985	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.800%
7) Chloroethane-d5	1.532	69	31502	4.311	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.200%
11) 1,1-Dichloroethene-d2	2.057	65	15724	4.083	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.600%
20) 2-Butanone-d5	3.818	46	130402	60.280	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.560%
24) Chloroform-d	4.249	84	83710	5.039	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
26) 1,2-Dichloroethane-d4	4.947	65	44041	5.209	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.200%
32) Benzene-d6	4.960	84	142860	4.644	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
36) 1,2-Dichloropropane-d6	5.992	67	44693	4.866	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.243	98	125803	4.560	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
43) trans-1,3-Dichloroprop...	7.558	79	18126	5.297	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.000%
46) 2-Hexanone-d5	8.027	63	109677	56.687	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.380%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	39639	5.452	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.000%
66) 1,2-Dichlorobenzene-d4	11.561	152	53056	4.867	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	49283	5.478	ug/L	98
3) Chloromethane	1.214	50	53881	5.046	ug/L	96
5) Vinyl chloride	1.282	62	55523	5.259	ug/L	100
6) Bromomethane	1.487	94	29822	4.976	ug/L	96
8) Chloroethane	1.548	64	36585	4.898	ug/L	100
9) Trichlorofluoromethane	1.712	101	90413	5.260	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	50488	5.447	ug/L	98
12) 1,1-Dichloroethene	2.066	96	46322	5.190	ug/L	91
13) Acetone	2.147	43	109543	49.787	ug/L	100
14) Carbon disulfide	2.240	76	125213	5.235	ug/L	97
15) Methyl Acetate	2.391	43	18680	4.949	ug/L	99
16) Methylene chloride	2.446	84	53630	5.260	ug/L	97
17) Methyl tert-butyl Ether	2.706	73	131092	5.649	ug/L	98
18) trans-1,2-Dichloroethene	2.693	96	47929	5.280	ug/L	97
19) 1,1-Dichloroethane	3.111	63	96870	5.545	ug/L	99
21) 2-Butanone	3.899	43	137268	56.829	ug/L	99
22) cis-1,2-Dichloroethene	3.815	96	55070	5.517	ug/L	97
23) Bromochloromethane	4.153	128	24120	5.797	ug/L	95
25) Chloroform	4.275	83	98973	5.454	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	63048	5.693	ug/L	98
29) 1,1,1-Trichloroethane	4.513	97	87587	5.120	ug/L	100
30) Cyclohexane	4.580	56	75934	5.161	ug/L	99
31) Carbon tetrachloride	4.735	117	74628	5.027	ug/L	100
33) Benzene	5.011	78	198390	5.242	ug/L	100
34) Trichloroethene	5.834	95	53588	5.422	ug/L	97
35) Methylcyclohexane	6.050	83	79206	5.105	ug/L	99
37) 1,2-Dichloropropane	6.095	63	50027	5.347	ug/L	98
38) Bromodichloromethane	6.436	83	67327	5.281	ug/L	97
39) cis-1,3-Dichloropropene	6.957	75	72118	5.563	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	339469	58.658	ug/L	99
42) Toluene	7.317	91	213285	5.364	ug/L	99
44) trans-1,3-Dichloropropene	7.584	75	62176	5.905	ug/L	96
45) 1,1,2-Trichloroethane	7.773	97	35644	5.602	ug/L	98
47) Tetrachloroethene	7.905	164	41110	5.302	ug/L	99
48) 2-Hexanone	8.079	43	252804	61.331	ug/L	99
49) Dibromochloromethane	8.178	129	41162	5.556	ug/L	96
50) 1,2-Dibromoethane	8.285	107	33999	5.712	ug/L	99
51) Chlorobenzene	8.815	112	136938	5.302	ug/L	98
52) Ethylbenzene	8.947	91	240162	5.363	ug/L	98
53) m,p-Xylene	9.072	106	89372	5.370	ug/L	100
54) o-Xylene	9.477	106	88074	5.300	ug/L	100
55) Styrene	9.497	104	147665	5.526	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	41751	5.485	ug/L	99
59) Bromoform	9.667	173	18917	5.163	ug/L	97
60) Isopropylbenzene	9.866	105	226728	5.279	ug/L	99
61) 1,2,3-Trichloropropane	10.211	75	31673	5.721	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	196987	5.255	ug/L	100
63) 1,2,4-Trimethylbenzene	10.854	105	198093	5.276	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	111345	5.337	ug/L	97
65) 1,4-Dichlorobenzene	11.210	146	110328	5.329	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	105297	5.384	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	7019	5.018	ug/L	90
69) 1,3,5-Trichlorobenzene	12.583	180	84197	5.260	ug/L	98
70) 1,2,4-trichlorobenzene	13.198	180	74225	5.312	ug/L	96
71) Naphthalene	13.442	128	129194	5.411	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	67135	5.364	ug/L	99

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

