

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW020725\
 Data File : VW038660.D
 Acq On : 07 Feb 2025 21:05
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005341

Quant Time: Feb 12 13:25:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020625WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 12 13:18:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	271734	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	260352	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	128680	5.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	106223	3.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.60%
7) Chloroethane-d5	1.532	69	84222	3.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.60%
11) 1,1-Dichloroethene-d2	2.056	65	44316	3.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.40%
20) 2-Butanone-d5	3.793	46	241586	49.51	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.02%
24) Chloroform-d	4.239	84	194801	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
26) 1,2-Dichloroethane-d4	4.937	65	90897	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
32) Benzene-d6	4.953	84	375466	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
36) 1,2-Dichloropropane-d6	5.982	67	114744	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	7.236	98	331686	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
43) trans-1,3-Dichloroprop...	7.551	79	39393	4.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.20%
46) 2-Hexanone-d5	8.017	63	207867	64.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	129.54%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	91875	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
66) 1,2-Dichlorobenzene-d4	11.551	152	113377	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.105	85	134087	4.15	ug/L 98
3) Chloromethane	1.214	50	124589	4.12	ug/L 100
5) Vinyl chloride	1.281	62	139852	4.36	ug/L 99
6) Bromomethane	1.487	94	49353	3.57	ug/L 98
8) Chloroethane	1.548	64	83119	4.19	ug/L 100
9) Trichlorofluoromethane	1.709	101	176975	4.13	ug/L 98
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	100320	4.21	ug/L 98
12) 1,1-Dichloroethene	2.066	96	101609	4.39	ug/L 96
13) Acetone	2.130	43	162832	45.44	ug/L 97
14) Carbon disulfide	2.236	76	334872	4.40	ug/L 99
15) Methyl Acetate	2.381	43	44030	4.78	ug/L 93
16) Methylene chloride	2.442	84	110583	4.20	ug/L 95
17) Methyl tert-butyl Ether	2.699	73	253982	5.37	ug/L 99
18) trans-1,2-Dichloroethene	2.690	96	108661	4.70	ug/L 93
19) 1,1-Dichloroethane	3.104	63	204823	4.60	ug/L 99
21) 2-Butanone	3.876	43	261891	48.69	ug/L 97
22) cis-1,2-Dichloroethene	3.805	96	116650	4.89	ug/L 92
23) Bromochloromethane	4.143	128	48156	4.24	ug/L 93
25) Chloroform	4.268	83	205685	4.62	ug/L 98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	123538	4.71	ug/L	99
29) 1,1,1-Trichloroethane	4.503	97	180093	4.90	ug/L	99
30) Cyclohexane	4.571	56	178599	5.63	ug/L	96
31) Carbon tetrachloride	4.725	117	149964	4.68	ug/L	99
33) Benzene	5.002	78	447083	5.43	ug/L	100
34) Trichloroethene	5.828	95	116594	5.51	ug/L	98
35) Methylcyclohexane	6.040	83	174508	5.24	ug/L	99
37) 1,2-Dichloropropane	6.085	63	112531	5.40	ug/L	100
38) Bromodichloromethane	6.426	83	137601	4.81	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	149851	5.28	ug/L	97
40) 4-Methyl-2-pentanone	7.149	43	673364	61.55	ug/L	99
42) Toluene	7.307	91	473444	5.41	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	118393	4.96	ug/L	95
45) 1,1,2-Trichloroethane	7.760	97	79714	4.89	ug/L	94
47) Tetrachloroethene	7.895	164	82289	5.00	ug/L	96
48) 2-Hexanone	8.069	43	482063	59.72	ug/L	98
49) Dibromochloromethane	8.169	129	76836	4.25	ug/L	98
50) 1,2-Dibromoethane	8.275	107	76569	5.08	ug/L	92
51) Chlorobenzene	8.805	112	296491	5.15	ug/L	98
52) Ethylbenzene	8.937	91	510065	5.49	ug/L	99
53) m,p-Xylene	9.066	106	193566	5.66	ug/L	99
54) o-Xylene	9.471	106	184817	5.53	ug/L	98
55) Styrene	9.490	104	318906	5.65	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.169	83	98503	4.91	ug/L	97
59) Bromoform	9.657	173	34192	3.98	ug/L	100
60) Isopropylbenzene	9.857	105	501679	5.92	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	68360	5.16	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	393986	5.90	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	401614	6.05	ug/L	99
64) 1,3-Dichlorobenzene	11.107	146	228010	5.38	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	226456	5.25	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	206250	5.19	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	14665	5.44	ug/L	98
69) 1,3,5-Trichlorobenzene	12.574	180	151680	5.46	ug/L	98
70) 1,2,4-trichlorobenzene	13.188	180	130751	6.22	ug/L	99
71) Naphthalene	13.432	128	215763	6.42	ug/L	98
72) 1,2,3-Trichlorobenzene	13.673	180	117805	6.05	ug/L	99

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

