

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020524\
 Data File : VW034000.D
 Acq On : 05 Feb 2024 20:02
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005338

Quant Time: Feb 06 05:18:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 06 05:11:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	93636	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	87938	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	45768	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	25640	3.536	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.800%
7) Chloroethane-d5	1.536	69	25769	4.057	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.200%
11) 1,1-Dichloroethene-d2	2.060	65	14956	4.276	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.600%
20) 2-Butanone-d5	3.809	46	60365	49.564	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.120%
24) Chloroform-d	4.252	84	60313	4.577	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	4.947	65	28817	4.679	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	4.963	84	113196	4.290	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
36) 1,2-Dichloropropane-d6	5.992	67	32269	4.375	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.600%
41) Toluene-d8	7.246	98	106142	4.377	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.600%
43) trans-1,3-Dichloroprop...	7.558	79	12198	4.380	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.027	63	53215	53.530	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.060%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	21807	4.877	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	37740	4.534	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	42108	4.907	ug/L	99
3) Chloromethane	1.217	50	31789	3.396	ug/L	99
5) Vinyl chloride	1.285	62	38125	4.263	ug/L	91
6) Bromomethane	1.490	94	17854	3.791	ug/L	99
8) Chloroethane	1.552	64	26368	4.322	ug/L	99
9) Trichlorofluoromethane	1.716	101	64535	5.007	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	33869	5.027	ug/L	99
12) 1,1-Dichloroethene	2.072	96	36558	5.589	ug/L	91
13) Acetone	2.137	43	44103	47.731	ug/L #	33
14) Carbon disulfide	2.243	76	94021	4.442	ug/L	99
15) Methyl Acetate	2.388	43	10670	4.879	ug/L	96
16) Methylene chloride	2.449	84	32071	5.110	ug/L	99
17) Methyl tert-butyl Ether	2.709	73	70288	5.230	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	32536	4.883	ug/L	96
19) 1,1-Dichloroethane	3.114	63	62299	5.089	ug/L	94
21) 2-Butanone	3.896	43	65275	53.459	ug/L #	54
22) cis-1,2-Dichloroethene	3.818	96	35058	4.638	ug/L	98
23) Bromochloromethane	4.153	128	14141	5.381	ug/L	95
25) Chloroform	4.281	83	64046	5.175	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	39492	5.573	ug/L	99
29) 1,1,1-Trichloroethane	4.516	97	117143	9.922	ug/L	100
30) Cyclohexane	4.587	56	53781	4.684	ug/L	97
31) Carbon tetrachloride	4.738	117	50866	4.924	ug/L	98
33) Benzene	5.014	78	131541	4.987	ug/L	100
34) Trichloroethene	5.838	95	36357	4.763	ug/L	97
35) Methylcyclohexane	6.053	83	56668	4.729	ug/L	97
37) 1,2-Dichloropropane	6.095	63	31804	4.978	ug/L	100
38) Bromodichloromethane	6.436	83	43254	5.157	ug/L	100
39) cis-1,3-Dichloropropene	6.957	75	48341	4.973	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	174204	56.940	ug/L	99
42) Toluene	7.317	91	143845	5.103	ug/L	95
44) trans-1,3-Dichloropropene	7.583	75	37722	5.054	ug/L	98
45) 1,1,2-Trichloroethane	7.770	97	21233	5.382	ug/L	98
47) Tetrachloroethene	7.908	164	27584	4.447	ug/L	99
48) 2-Hexanone	8.079	43	118966	55.165	ug/L	100
49) Dibromochloromethane	8.178	129	24992	5.331	ug/L	97
50) 1,2-Dibromoethane	8.284	107	19262	5.440	ug/L	98
51) Chlorobenzene	8.815	112	91732	5.147	ug/L	98
52) Ethylbenzene	8.947	91	165545	5.102	ug/L	98
53) m,p-Xylene	9.072	106	61472	5.013	ug/L	96
54) o-Xylene	9.477	106	60493	5.116	ug/L	100
55) Styrene	9.497	104	100075	5.286	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	23324	5.602	ug/L	96
59) Bromoform	9.667	173	13239	5.251	ug/L	100
60) Isopropylbenzene	9.866	105	167089	4.934	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	16715	5.312	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	139597	4.876	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	140693	5.058	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	74679	5.057	ug/L	100
65) 1,4-Dichlorobenzene	11.210	146	73336	5.016	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	65619	5.174	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.365	75	3704	5.617	ug/L	93
69) 1,3,5-Trichlorobenzene	12.583	180	56365	4.932	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	45870	5.142	ug/L	98
71) Naphthalene	13.442	128	68055	5.822	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	38405	5.373	ug/L	99

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

