

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101823\
 Data File : VW032459.D
 Acq On : 18 Oct 2023 09:44
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005287

Quant Time: Oct 19 04:23:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 18 06:02:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	104940	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	116222	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	60682	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	50494	5.916	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	118.400%
7) Chloroethane-d5	1.532	69	42599	6.149	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	123.000%
11) 1,1-Dichloroethene-d2	2.059	65	20733	5.760	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	115.200%
20) 2-Butanone-d5	3.809	46	105412	48.825	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.640%
24) Chloroform-d	4.252	84	84958	5.643	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.800%
26) 1,2-Dichloroethane-d4	4.944	65	38923	5.458	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.200%
32) Benzene-d6	4.963	84	161397	4.719	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
36) 1,2-Dichloropropane-d6	5.992	67	50485	4.456	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.200%
41) Toluene-d8	7.246	98	160309	5.126	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.600%
43) trans-1,3-Dichloroprop...	7.558	79	18483	4.603	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.000%
46) 2-Hexanone-d5	8.030	63	91238	48.297	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.600%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	37947	4.788	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.800%
66) 1,2-Dichlorobenzene-d4	11.564	152	53810	4.779	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	66551	5.691	ug/L	98
3) Chloromethane	1.217	50	63983	5.427	ug/L	99
5) Vinyl chloride	1.281	62	64456	5.733	ug/L	98
6) Bromomethane	1.490	94	34514	5.082	ug/L	99
8) Chloroethane	1.551	64	40393	5.967	ug/L	99
9) Trichlorofluoromethane	1.715	101	77513	5.749	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	48997	5.997	ug/L	97
12) 1,1-Dichloroethene	2.069	96	43920	5.707	ug/L	98
13) Acetone	2.137	43	100311	60.282	ug/L	98
14) Carbon disulfide	2.243	76	130878	4.865	ug/L	99
15) Methyl Acetate	2.387	43	19057	5.087	ug/L	95
16) Methylene chloride	2.449	84	51101	5.093	ug/L	97
17) Methyl tert-butyl Ether	2.706	73	108646	5.185	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	47689	5.410	ug/L	98
19) 1,1-Dichloroethane	3.114	63	93406	5.633	ug/L	99
21) 2-Butanone	3.886	43	139035	53.430	ug/L	100
22) cis-1,2-Dichloroethene	3.818	96	51092	5.383	ug/L	94
23) Bromochloromethane	4.153	128	21197	5.308	ug/L	97
25) Chloroform	4.278	83	94262	5.793	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	55278	5.751	ug/L	96
29) 1,1,1-Trichloroethane	4.513	97	78117	4.944	ug/L	98
30) Cyclohexane	4.584	56	76877	4.427	ug/L	96
31) Carbon tetrachloride	4.735	117	66601	4.981	ug/L	98
33) Benzene	5.011	78	195808	4.785	ug/L	100
34) Trichloroethene	5.834	95	51782	4.636	ug/L	98
35) Methylcyclohexane	6.053	83	71840	4.156	ug/L	89
37) 1,2-Dichloropropane	6.095	63	57042	5.213	ug/L	99
38) Bromodichloromethane	6.436	83	67714	5.208	ug/L	100
39) cis-1,3-Dichloropropene	6.956	75	73651	4.729	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	329395	47.565	ug/L	98
42) Toluene	7.317	91	226319	5.188	ug/L	97
44) trans-1,3-Dichloropropene	7.583	75	58015	4.533	ug/L	97
45) 1,1,2-Trichloroethane	7.773	97	38917	5.041	ug/L	97
47) Tetrachloroethene	7.908	164	40584	4.791	ug/L	96
48) 2-Hexanone	8.079	43	243024	49.739	ug/L	99
49) Dibromochloromethane	8.178	129	40669	5.060	ug/L	94
50) 1,2-Dibromoethane	8.288	107	34890	4.778	ug/L	95
51) Chlorobenzene	8.815	112	140887	5.017	ug/L	97
52) Ethylbenzene	8.950	91	241406	4.970	ug/L	98
53) m,p-Xylene	9.075	106	92839	5.154	ug/L	99
54) o-Xylene	9.480	106	87642	5.049	ug/L	96
55) Styrene	9.496	104	152386	5.198	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.181	83	42362	4.987	ug/L	99
59) Bromoform	9.670	173	21422	4.855	ug/L	100
60) Isopropylbenzene	9.869	105	236765	5.020	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	30183	4.673	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	185305	4.821	ug/L	98
63) 1,2,4-Trimethylbenzene	10.853	105	189274	4.946	ug/L	98
64) 1,3-Dichlorobenzene	11.120	146	112458	4.992	ug/L	99
65) 1,4-Dichlorobenzene	11.213	146	112638	4.983	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	100978	4.914	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	6425	4.869	ug/L	88
69) 1,3,5-Trichlorobenzene	12.586	180	82604	5.007	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	67372	4.604	ug/L	100
71) Naphthalene	13.442	128	107423	4.321	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	61147	4.849	ug/L	99

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

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