

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101923\
 Data File : VW032508.D
 Acq On : 19 Oct 2023 19:43
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005290

Quant Time: Oct 20 06:26:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 20 06:17:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	104191	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	111441	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	59500	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	37409	4.415	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.200%
7) Chloroethane-d5	1.532	69	34223	4.975	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.600%
11) 1,1-Dichloroethene-d2	2.060	65	15705	4.395	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.800%
20) 2-Butanone-d5	3.809	46	107037	49.934	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.860%
24) Chloroform-d	4.252	84	71763	4.801	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	4.947	65	35575	5.024	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
32) Benzene-d6	4.963	84	134360	4.097	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
36) 1,2-Dichloropropane-d6	5.992	67	42656	3.926	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.600%
41) Toluene-d8	7.246	98	125486	4.185	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.600%
43) trans-1,3-Dichloroprop...	7.558	79	15951	4.143	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.800%
46) 2-Hexanone-d5	8.027	63	90071	49.725	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.440%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	36459	4.798	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.000%
66) 1,2-Dichlorobenzene-d4	11.564	152	47117	4.267	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	55246	4.758	ug/L	98
3) Chloromethane	1.217	50	57974	4.953	ug/L	100
5) Vinyl chloride	1.281	62	56832	5.091	ug/L	99
6) Bromomethane	1.487	94	29895	4.433	ug/L	98
8) Chloroethane	1.548	64	36806	5.477	ug/L	98
9) Trichlorofluoromethane	1.715	101	71682	5.354	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	42080	5.187	ug/L	99
12) 1,1-Dichloroethene	2.069	96	39739	5.200	ug/L	95
13) Acetone	2.137	43	83004	50.240	ug/L	94
14) Carbon disulfide	2.243	76	115695	4.331	ug/L	100
15) Methyl Acetate	2.387	43	18590	4.998	ug/L	98
16) Methylene chloride	2.449	84	53641	5.384	ug/L	93
17) Methyl tert-butyl Ether	2.706	73	101582	4.883	ug/L	97
18) trans-1,2-Dichloroethene	2.696	96	40959	4.680	ug/L	97
19) 1,1-Dichloroethane	3.114	63	84167	5.112	ug/L	99
21) 2-Butanone	3.889	43	121055	46.855	ug/L	99
22) cis-1,2-Dichloroethene	3.815	96	46234	4.906	ug/L	98
23) Bromochloromethane	4.153	128	19757	4.983	ug/L	95
25) Chloroform	4.278	83	86221	5.337	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	51977	5.446	ug/L	99
29) 1,1,1-Trichloroethane	4.516	97	69779	4.605	ug/L	96
30) Cyclohexane	4.584	56	65605	3.940	ug/L	98
31) Carbon tetrachloride	4.738	117	58554	4.567	ug/L	99
33) Benzene	5.011	78	182632	4.655	ug/L	100
34) Trichloroethene	5.834	95	46118	4.306	ug/L	96
35) Methylcyclohexane	6.053	83	61559	3.714	ug/L	92
37) 1,2-Dichloropropane	6.095	63	45133	4.301	ug/L	97
38) Bromodichloromethane	6.436	83	63020	5.055	ug/L	97
39) cis-1,3-Dichloropropene	6.956	75	65546	4.389	ug/L	99
40) 4-Methyl-2-pentanone	7.162	43	318562	47.974	ug/L	98
42) Toluene	7.317	91	201734	4.823	ug/L	99
44) trans-1,3-Dichloropropene	7.583	75	55625	4.533	ug/L	97
45) 1,1,2-Trichloroethane	7.770	97	35909	4.851	ug/L	98
47) Tetrachloroethene	7.908	164	35978	4.429	ug/L	98
48) 2-Hexanone	8.079	43	228734	48.822	ug/L	98
49) Dibromochloromethane	8.178	129	37811	4.906	ug/L	99
50) 1,2-Dibromoethane	8.284	107	32390	4.626	ug/L	98
51) Chlorobenzene	8.815	112	125912	4.676	ug/L	98
52) Ethylbenzene	8.950	91	213619	4.587	ug/L	100
53) m,p-Xylene	9.075	106	79097	4.579	ug/L	100
54) o-Xylene	9.480	106	76136	4.574	ug/L	96
55) Styrene	9.500	104	136593	4.859	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.181	83	42065	5.165	ug/L	97
59) Bromoform	9.670	173	20211	4.671	ug/L	100
60) Isopropylbenzene	9.869	105	208586	4.511	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	29842	4.712	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	162170	4.303	ug/L	98
63) 1,2,4-Trimethylbenzene	10.853	105	163767	4.365	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	99802	4.518	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	100632	4.541	ug/L	100
67) 1,2-Dichlorobenzene	11.583	146	90748	4.504	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	6085	4.703	ug/L	93
69) 1,3,5-Trichlorobenzene	12.586	180	69913	4.322	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	60231	4.197	ug/L	97
71) Naphthalene	13.442	128	101899	4.180	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	55695	4.505	ug/L	97

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

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