

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071723\
 Data File : VW031707.D
 Acq On : 17 Jul 2023 09:25
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005370

Quant Time: Jul 18 06:22:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 15 05:25:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	180038	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	196029	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	105695	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	78855	4.946	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.000%
7) Chloroethane-d5	1.532	69	74436	5.150	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.000%
11) 1,1-Dichloroethene-d2	2.060	65	40981	5.008	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.200%
20) 2-Butanone-d5	3.815	46	218094	53.542	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.080%
24) Chloroform-d	4.253	84	185554	5.463	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.200%
26) 1,2-Dichloroethane-d4	4.947	65	90564	5.220	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.400%
32) Benzene-d6	4.963	84	301830	5.393	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.800%
36) 1,2-Dichloropropane-d6	5.992	67	103474	4.989	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.800%
41) Toluene-d8	7.249	98	292986	5.701	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.000%
43) trans-1,3-Dichloroprop...	7.558	79	37780	5.767	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	115.400%
46) 2-Hexanone-d5	8.031	63	161303	53.017	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.040%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	83140	5.463	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.200%
66) 1,2-Dichlorobenzene-d4	11.567	152	94732	5.146	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	102507	5.242	ug/L	99
3) Chloromethane	1.217	50	108571	5.359	ug/L	99
5) Vinyl chloride	1.282	62	103505	5.347	ug/L	97
6) Bromomethane	1.491	94	63511	5.367	ug/L	94
8) Chloroethane	1.552	64	59699	5.315	ug/L	96
9) Trichlorofluoromethane	1.712	101	157309	5.632	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	84645	5.510	ug/L	97
12) 1,1-Dichloroethene	2.069	96	75008	5.340	ug/L	92
13) Acetone	2.143	43	123758	47.755	ug/L	98
14) Carbon disulfide	2.240	76	227692	5.221	ug/L	99
15) Methyl Acetate	2.388	43	35196	6.349	ug/L #	91
16) Methylene chloride	2.449	84	79773	4.274	ug/L	95
17) Methyl tert-butyl Ether	2.709	73	128883	4.993	ug/L	98
18) trans-1,2-Dichloroethene	2.696	96	61661	5.077	ug/L	96
19) 1,1-Dichloroethane	3.114	63	138596	5.218	ug/L	97
21) 2-Butanone	3.896	43	166377	49.324	ug/L	84
22) cis-1,2-Dichloroethene	3.818	96	61135	5.091	ug/L	90
23) Bromochloromethane	4.156	128	33547	5.549	ug/L	96
25) Chloroform	4.278	83	146919	5.625	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	86745	5.280	ug/L #	77
29) 1,1,1-Trichloroethane	4.516	97	124626	5.264	ug/L	99
30) Cyclohexane	4.587	56	81196	4.716	ug/L	94
31) Carbon tetrachloride	4.738	117	110975	5.312	ug/L	99
33) Benzene	5.015	78	271162	5.446	ug/L	100
34) Trichloroethene	5.838	95	71101	5.033	ug/L	96
35) Methylcyclohexane	6.053	83	82725	4.718	ug/L	96
37) 1,2-Dichloropropane	6.098	63	79917	5.591	ug/L	100
38) Bromodichloromethane	6.439	83	101264	5.336	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	86088	4.838	ug/L	100
40) 4-Methyl-2-pentanone	7.166	43	417150	54.601	ug/L	98
42) Toluene	7.320	91	283317	5.891	ug/L	98
44) trans-1,3-Dichloropropene	7.587	75	82038	5.286	ug/L	98
45) 1,1,2-Trichloroethane	7.773	97	55949	5.269	ug/L	92
47) Tetrachloroethene	7.908	164	52005	5.332	ug/L	97
48) 2-Hexanone	8.082	43	350033	62.526	ug/L	98
49) Dibromochloromethane	8.182	129	62971	5.520	ug/L	92
50) 1,2-Dibromoethane	8.288	107	51125	5.148	ug/L	94
51) Chlorobenzene	8.818	112	166831	5.260	ug/L	92
52) Ethylbenzene	8.950	91	240589	5.046	ug/L	97
53) m,p-Xylene	9.079	106	88990	5.050	ug/L	93
54) o-Xylene	9.484	106	80445	4.921	ug/L	94
55) Styrene	9.503	104	157024	5.091	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.185	83	59516	5.296	ug/L	95
59) Bromoform	9.670	173	34245	4.853	ug/L	97
60) Isopropylbenzene	9.873	105	229027	4.892	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	48168	5.127	ug/L	98
62) 1,3,5-Trimethylbenzene	10.481	105	173492	4.593	ug/L	100
63) 1,2,4-Trimethylbenzene	10.857	105	172283	4.570	ug/L	97
64) 1,3-Dichlorobenzene	11.124	146	132077	5.234	ug/L	99
65) 1,4-Dichlorobenzene	11.214	146	134975	5.054	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	122004	5.045	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.371	75	10202	5.285	ug/L #	83
69) 1,3,5-Trichlorobenzene	12.587	180	89554	4.853	ug/L	98
70) 1,2,4-trichlorobenzene	13.204	180	70956	4.852	ug/L	98
71) Naphthalene	13.445	128	99635	4.224	ug/L	99
72) 1,2,3-Trichlorobenzene	13.686	180	64873	4.804	ug/L	99

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

