

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW091123\
 Data File : VW032038.D
 Acq On : 11 Sep 2023 19:59
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005385

Quant Time: Sep 12 06:02:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR082323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 09 21:51:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	124072	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	122552	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	66992	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	20458	4.882	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.600%
7) Chloroethane-d5	1.532	69	25328	5.276	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.600%
11) 1,1-Dichloroethene-d2	2.060	65	11401	4.623	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.400%
20) 2-Butanone-d5	3.805	46	119301	58.812	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.620%
24) Chloroform-d	4.256	84	65992	4.653	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	4.950	65	33681	4.609	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
32) Benzene-d6	4.966	84	125187	4.489	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
36) 1,2-Dichloropropane-d6	5.995	67	43663	4.440	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.800%
41) Toluene-d8	7.246	98	111198	4.297	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
43) trans-1,3-Dichloroprop...	7.561	79	12260	3.419	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.400%
46) 2-Hexanone-d5	8.030	63	89827	46.984	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.960%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	31669	4.489	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.800%
66) 1,2-Dichlorobenzene-d4	11.564	152	40805	3.761	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	75.200%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	25020	3.531	ug/L	99
3) Chloromethane	1.217	50	32040	4.220	ug/L	98
5) Vinyl chloride	1.281	62	31433	4.040	ug/L	96
6) Bromomethane	1.487	94	17672	3.634	ug/L	96
8) Chloroethane	1.548	64	22018	4.431	ug/L	97
9) Trichlorofluoromethane	1.712	101	40500	4.035	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	24832	4.148	ug/L	95
12) 1,1-Dichloroethene	2.069	96	23007	4.119	ug/L	92
13) Acetone	2.130	43	60197	50.363	ug/L	71
14) Carbon disulfide	2.240	76	56739	3.611	ug/L	99
15) Methyl Acetate	2.384	43	15759	6.470	ug/L	97
16) Methylene chloride	2.449	84	34174	3.762	ug/L	92
17) Methyl tert-butyl Ether	2.709	73	81188	4.685	ug/L	96
18) trans-1,2-Dichloroethene	2.696	96	27129	4.285	ug/L	97
19) 1,1-Dichloroethane	3.114	63	62660	4.805	ug/L	99
21) 2-Butanone	3.889	43	96596	57.056	ug/L	90
22) cis-1,2-Dichloroethene	3.818	96	33847	4.641	ug/L	98
23) Bromochloromethane	4.159	128	13744	4.749	ug/L	94
25) Chloroform	4.281	83	61542	4.630	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	37120	4.670	ug/L	98
29) 1,1,1-Trichloroethane	4.516	97	48475	4.095	ug/L	98
30) Cyclohexane	4.590	56	45983	3.780	ug/L	95
31) Carbon tetrachloride	4.738	117	38779	4.050	ug/L	98
33) Benzene	5.018	78	124668	4.416	ug/L	100
34) Trichloroethene	5.838	95	34005	4.121	ug/L	97
35) Methylcyclohexane	6.053	83	43176	3.595	ug/L	94
37) 1,2-Dichloropropane	6.098	63	36592	4.705	ug/L #	94
38) Bromodichloromethane	6.439	83	43533	4.324	ug/L	100
39) cis-1,3-Dichloropropene	6.960	75	50132	4.237	ug/L	99
40) 4-Methyl-2-pentanone	7.162	43	259323	53.197	ug/L	98
42) Toluene	7.320	91	132257	4.217	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	41125	4.163	ug/L	99
45) 1,1,2-Trichloroethane	7.773	97	25285	4.542	ug/L	100
47) Tetrachloroethene	7.911	164	21395	4.059	ug/L	97
48) 2-Hexanone	8.082	43	180622	49.593	ug/L	98
49) Dibromochloromethane	8.182	129	25622	4.416	ug/L	99
50) 1,2-Dibromoethane	8.288	107	22739	4.517	ug/L	98
51) Chlorobenzene	8.818	112	87676	4.415	ug/L	97
52) Ethylbenzene	8.950	91	150103	4.163	ug/L	100
53) m,p-Xylene	9.079	106	55400	4.079	ug/L	99
54) o-Xylene	9.481	106	54636	4.163	ug/L	97
55) Styrene	9.500	104	96583	4.266	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.185	83	29387	5.214	ug/L	93
59) Bromoform	9.670	173	12498	3.948	ug/L	99
60) Isopropylbenzene	9.870	105	148408	3.985	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	22765	4.614	ug/L	95
62) 1,3,5-Trimethylbenzene	10.480	105	122006	3.822	ug/L	98
63) 1,2,4-Trimethylbenzene	10.857	105	122568	3.908	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	67139	4.071	ug/L	98
65) 1,4-Dichlorobenzene	11.214	146	68600	4.049	ug/L	97
67) 1,2-Dichlorobenzene	11.583	146	63764	4.225	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.368	75	4529	4.052	ug/L #	85
69) 1,3,5-Trichlorobenzene	12.586	180	48569	3.962	ug/L	99
70) 1,2,4-trichlorobenzene	13.204	180	43691	3.909	ug/L	97
71) Naphthalene	13.445	128	76584	3.638	ug/L	99
72) 1,2,3-Trichlorobenzene	13.686	180	37841	4.021	ug/L	98

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

