

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082423\
 Data File : VV031905.D
 Acq On : 24 Aug 2023 13:11
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005379

Quant Time: Aug 25 00:52:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR082323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 24 04:46:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	117254	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	109267	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	58281	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	19047	4.810	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.200%
7) Chloroethane-d5	1.536	69	22986	5.067	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.400%
11) 1,1-Dichloroethene-d2	2.063	65	10908	4.680	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.600%
20) 2-Butanone-d5	3.812	46	110019	57.390	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.780%
24) Chloroform-d	4.253	84	68541	5.114	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
26) 1,2-Dichloroethane-d4	4.947	65	33773	4.890	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
32) Benzene-d6	4.963	84	128736	5.178	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.600%
36) 1,2-Dichloropropane-d6	5.992	67	44539	5.080	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.600%
41) Toluene-d8	7.246	98	117017	5.072	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
43) trans-1,3-Dichloroprop...	7.561	79	14768	4.619	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.400%
46) 2-Hexanone-d5	8.031	63	87251	51.185	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.360%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	30599	4.864	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	11.564	152	45971	4.871	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	34424	5.140	ug/L	99
3) Chloromethane	1.217	50	36030	5.022	ug/L	100
5) Vinyl chloride	1.285	62	37424	5.089	ug/L	96
6) Bromomethane	1.491	94	21390	4.654	ug/L	95
8) Chloroethane	1.552	64	23770	5.061	ug/L	98
9) Trichlorofluoromethane	1.716	101	47364	4.993	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	29619	5.236	ug/L	94
12) 1,1-Dichloroethene	2.073	96	27663	5.241	ug/L	92
13) Acetone	2.147	43	54602	48.338	ug/L	73
14) Carbon disulfide	2.243	76	77539	5.222	ug/L	99
15) Methyl Acetate	2.391	43	12325	5.354	ug/L	97
16) Methylene chloride	2.449	84	40948	4.770	ug/L	94
17) Methyl tert-butyl Ether	2.709	73	80394	4.909	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	29489	4.928	ug/L	97
19) 1,1-Dichloroethane	3.114	63	64344	5.221	ug/L	99
21) 2-Butanone	3.899	43	85540	53.464	ug/L	81
22) cis-1,2-Dichloroethene	3.822	96	35101	5.093	ug/L	95
23) Bromochloromethane	4.153	128	13404	4.901	ug/L	89
25) Chloroform	4.281	83	62489	4.975	ug/L	97

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Quant Time: Aug 25 00:52:34 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	37880	5.043	ug/L	99
29) 1,1,1-Trichloroethane	4.516	97	53642	5.082	ug/L	98
30) Cyclohexane	4.584	56	56634	5.221	ug/L	96
31) Carbon tetrachloride	4.738	117	44069	5.163	ug/L	98
33) Benzene	5.015	78	134894	5.359	ug/L	100
34) Trichloroethene	5.838	95	37631	5.115	ug/L	96
35) Methylcyclohexane	6.053	83	57982	5.415	ug/L	99
37) 1,2-Dichloropropane	6.098	63	34575	4.986	ug/L	99
38) Bromodichloromethane	6.436	83	44776	4.989	ug/L	98
39) cis-1,3-Dichloropropene	6.960	75	54626	5.178	ug/L	97
40) 4-Methyl-2-pentanone	7.162	43	216316	49.770	ug/L	96
42) Toluene	7.320	91	143960	5.148	ug/L	100
44) trans-1,3-Dichloropropene	7.587	75	44616	5.066	ug/L	99
45) 1,1,2-Trichloroethane	7.773	97	23565	4.748	ug/L	95
47) Tetrachloroethene	7.908	164	24763	5.269	ug/L	98
48) 2-Hexanone	8.082	43	153492	47.268	ug/L	99
49) Dibromochloromethane	8.182	129	26453	5.114	ug/L	100
50) 1,2-Dibromoethane	8.288	107	22171	4.939	ug/L	99
51) Chlorobenzene	8.818	112	90138	5.091	ug/L	99
52) Ethylbenzene	8.950	91	165321	5.143	ug/L	99
53) m,p-Xylene	9.075	106	59749	4.935	ug/L	92
54) o-Xylene	9.481	106	59931	5.122	ug/L	98
55) Styrene	9.500	104	103076	5.106	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.182	83	24168	4.809	ug/L	96
59) Bromoform	9.670	173	13297	4.829	ug/L	98
60) Isopropylbenzene	9.870	105	166490	5.139	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	20319	4.733	ug/L	95
62) 1,3,5-Trimethylbenzene	10.481	105	139708	5.031	ug/L	98
63) 1,2,4-Trimethylbenzene	10.854	105	138750	5.085	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	71504	4.984	ug/L	99
65) 1,4-Dichlorobenzene	11.214	146	72977	4.951	ug/L	98
67) 1,2-Dichlorobenzene	11.583	146	64833	4.937	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.371	75	4577	4.707	ug/L	99
69) 1,3,5-Trichlorobenzene	12.587	180	53524	5.018	ug/L	100
70) 1,2,4-trichlorobenzene	13.204	180	45132	4.642	ug/L	99
71) Naphthalene	13.445	128	73931	4.037	ug/L	99
72) 1,2,3-Trichlorobenzene	13.686	180	38215	4.668	ug/L	98

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

