

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081823\
 Data File : VV031843.D
 Acq On : 18 Aug 2023 15:56
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005378

Quant Time: Aug 19 02:20:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 19 02:19:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	155868	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	152956	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	94610	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	36467	3.933	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.600%
7) Chloroethane-d5	1.532	69	20908	2.150	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	43.000%#
11) 1,1-Dichloroethene-d2	2.060	65	15417	2.879	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.600%#
20) 2-Butanone-d5	3.818	46	143970	45.097	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.200%
24) Chloroform-d	4.259	84	124673	4.633	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
26) 1,2-Dichloroethane-d4	4.950	65	63239	4.759	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
32) Benzene-d6	4.966	84	220378	5.280	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.600%
36) 1,2-Dichloropropane-d6	5.995	67	72259	4.877	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.249	98	139617	3.675	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.400%
43) trans-1,3-Dichloroprop...	7.561	79	16424	3.611	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.200%
46) 2-Hexanone-d5	8.034	63	86453	39.871	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.740%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	57029	5.550	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.000%
66) 1,2-Dichlorobenzene-d4	11.567	152	87125	5.221	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	68617	4.849	ug/L	100
3) Chloromethane	1.217	50	55195	4.050	ug/L	96
5) Vinyl chloride	1.282	62	57145	4.238	ug/L	95
6) Bromomethane	1.487	94	30174	3.413	ug/L	87
8) Chloroethane	1.548	64	23104	2.734	ug/L	100
9) Trichlorofluoromethane	1.712	101	73029	3.432	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	38306	3.199	ug/L	94
12) 1,1-Dichloroethene	2.069	96	33356	3.223	ug/L	83
13) Acetone	2.143	43	61893	33.787	ug/L	98
14) Carbon disulfide	2.240	76	112264	3.924	ug/L	99
15) Methyl Acetate	2.394	43	23331	4.814	ug/L	95
16) Methylene chloride	2.449	84	60612	4.377	ug/L	91
17) Methyl tert-butyl Ether	2.709	73	109341	5.133	ug/L	93
18) trans-1,2-Dichloroethene	2.696	96	47703	4.921	ug/L	99
19) 1,1-Dichloroethane	3.117	63	94280	4.607	ug/L	99
21) 2-Butanone	3.905	43	101563	40.814	ug/L	87
22) cis-1,2-Dichloroethene	3.818	96	52091	5.267	ug/L	96
23) Bromochloromethane	4.153	128	26975	5.352	ug/L #	84
25) Chloroform	4.291	83	105041	4.821	ug/L	82

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	61753	4.789	ug/L #	78
29) 1,1,1-Trichloroethane	4.519	97	97674	5.646	ug/L	96
30) Cyclohexane	4.587	56	64019	5.380	ug/L	95
31) Carbon tetrachloride	4.741	117	86956	5.679	ug/L	98
33) Benzene	5.018	78	194047	5.332	ug/L	100
34) Trichloroethene	5.838	95	56449	5.436	ug/L	85
35) Methylcyclohexane	6.053	83	70680	6.025	ug/L	95
37) 1,2-Dichloropropane	6.098	63	53141	5.102	ug/L	98
38) Bromodichloromethane	6.439	83	72756	5.329	ug/L #	96
39) cis-1,3-Dichloropropene	6.960	75	56524	4.550	ug/L	95
40) 4-Methyl-2-pentanone	7.166	43	207458	38.107	ug/L	95
42) Toluene	7.320	91	138291	3.831	ug/L	97
44) trans-1,3-Dichloropropene	7.587	75	41363	3.726	ug/L	97
45) 1,1,2-Trichloroethane	7.776	97	26784	3.397	ug/L	94
47) Tetrachloroethene	7.911	164	31817	4.168	ug/L	95
48) 2-Hexanone	8.082	43	158102	36.802	ug/L #	96
49) Dibromochloromethane	8.182	129	38208	4.290	ug/L	97
50) 1,2-Dibromoethane	8.288	107	30637	4.219	ug/L	95
51) Chlorobenzene	8.818	112	131720	5.334	ug/L	94
52) Ethylbenzene	8.953	91	212531	5.846	ug/L	100
53) m,p-Xylene	9.079	106	81578	6.270	ug/L	94
54) o-Xylene	9.484	106	72486	5.854	ug/L	83
55) Styrene	9.503	104	138293	6.122	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.185	83	41882	5.332	ug/L #	95
59) Bromoform	9.670	173	29829	5.373	ug/L	97
60) Isopropylbenzene	9.873	105	214115	5.597	ug/L	98
61) 1,2,3-Trichloropropane	10.217	75	35191	4.502	ug/L	99
62) 1,3,5-Trimethylbenzene	10.480	105	169770	5.465	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	166819	5.358	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	121999	5.495	ug/L	97
65) 1,4-Dichlorobenzene	11.214	146	123816	5.508	ug/L	96
67) 1,2-Dichlorobenzene	11.583	146	112902	5.339	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.374	75	7695	5.257	ug/L	90
69) 1,3,5-Trichlorobenzene	12.587	180	91696	5.776	ug/L	99
70) 1,2,4-trichlorobenzene	13.204	180	73497	5.502	ug/L	97
71) Naphthalene	13.445	128	107971	5.525	ug/L	100
72) 1,2,3-Trichlorobenzene	13.686	180	69598	5.764	ug/L	99

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

