

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082423\
 Data File : VV031893.D
 Acq On : 24 Aug 2023 02:45
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005378

Quant Time: Aug 24 05:03:05 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	111570	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	102716	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	52245	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	19848	5.267	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.400%
7) Chloroethane-d5	1.535	69	23462	5.435	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.800%
11) 1,1-Dichloroethene-d2	2.063	65	11700	5.276	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.600%
20) 2-Butanone-d5	3.822	46	109432	59.992	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.980%
24) Chloroform-d	4.256	84	69669	5.463	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.200%
26) 1,2-Dichloroethane-d4	4.950	65	34736	5.286	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.800%
32) Benzene-d6	4.966	84	131161	5.612	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.200%
36) 1,2-Dichloropropane-d6	5.995	67	47641	5.780	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.600%
41) Toluene-d8	7.246	98	115236	5.313	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.200%
43) trans-1,3-Dichloroprop...	7.561	79	15064	5.012	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.200%
46) 2-Hexanone-d5	8.030	63	82911	51.741	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.480%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	30097	5.090	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.800%
66) 1,2-Dichlorobenzene-d4	11.564	152	45493	5.377	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	29276	4.594	ug/L	99
3) Chloromethane	1.217	50	34858	5.106	ug/L	99
5) Vinyl chloride	1.285	62	34864	4.983	ug/L	97
6) Bromomethane	1.490	94	20658	4.724	ug/L	100
8) Chloroethane	1.552	64	22691	5.078	ug/L	98
9) Trichlorofluoromethane	1.716	101	41432	4.591	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	23752	4.413	ug/L	98
12) 1,1-Dichloroethene	2.072	96	24756	4.929	ug/L	97
13) Acetone	2.143	43	48347	44.981	ug/L	72
14) Carbon disulfide	2.243	76	68586	4.854	ug/L	98
15) Methyl Acetate	2.391	43	12067	5.509	ug/L	97
16) Methylene chloride	2.452	84	39916	4.887	ug/L	98
17) Methyl tert-butyl Ether	2.709	73	78975	5.068	ug/L	98
18) trans-1,2-Dichloroethene	2.699	96	28574	5.019	ug/L	91
19) 1,1-Dichloroethane	3.117	63	62205	5.305	ug/L	98
21) 2-Butanone	3.902	43	78520	51.576	ug/L	96
22) cis-1,2-Dichloroethene	3.818	96	33570	5.119	ug/L	99
23) Bromochloromethane	4.153	128	13228	5.083	ug/L	91
25) Chloroform	4.281	83	61369	5.134	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	36840	5.154	ug/L	96
29) 1,1,1-Trichloroethane	4.516	97	49369	4.976	ug/L	99
30) Cyclohexane	4.587	56	44959	4.409	ug/L	99
31) Carbon tetrachloride	4.741	117	39459	4.917	ug/L	98
33) Benzene	5.014	78	127628	5.394	ug/L	100
34) Trichloroethene	5.838	95	33777	4.884	ug/L	97
35) Methylcyclohexane	6.053	83	43959	4.367	ug/L	97
37) 1,2-Dichloropropane	6.098	63	35144	5.391	ug/L	100
38) Bromodichloromethane	6.439	83	43468	5.152	ug/L	96
39) cis-1,3-Dichloropropene	6.960	75	51527	5.195	ug/L	99
40) 4-Methyl-2-pentanone	7.165	43	209923	51.380	ug/L	96
42) Toluene	7.320	91	132214	5.030	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	40458	4.886	ug/L	99
45) 1,1,2-Trichloroethane	7.773	97	23058	4.942	ug/L	97
47) Tetrachloroethene	7.908	164	21686	4.909	ug/L	98
48) 2-Hexanone	8.082	43	150016	49.144	ug/L	99
49) Dibromochloromethane	8.181	129	25209	5.184	ug/L	96
50) 1,2-Dibromoethane	8.288	107	20596	4.881	ug/L	94
51) Chlorobenzene	8.818	112	82936	4.983	ug/L	99
52) Ethylbenzene	8.950	91	145236	4.806	ug/L	100
53) m,p-Xylene	9.075	106	53691	4.717	ug/L	98
54) o-Xylene	9.484	106	54096	4.918	ug/L	99
55) Styrene	9.500	104	94411	4.975	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.181	83	23053	4.880	ug/L	98
59) Bromoform	9.670	173	13480	5.461	ug/L	99
60) Isopropylbenzene	9.870	105	142434	4.905	ug/L	98
61) 1,2,3-Trichloropropane	10.214	75	19412	5.045	ug/L	98
62) 1,3,5-Trimethylbenzene	10.480	105	122011	4.901	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	123180	5.036	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	64331	5.002	ug/L	99
65) 1,4-Dichlorobenzene	11.214	146	64773	4.902	ug/L	98
67) 1,2-Dichlorobenzene	11.583	146	59509	5.056	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.371	75	4268	4.897	ug/L	99
69) 1,3,5-Trichlorobenzene	12.586	180	46204	4.832	ug/L	99
70) 1,2,4-trichlorobenzene	13.204	180	40594	4.658	ug/L	99
71) Naphthalene	13.445	128	69877	4.256	ug/L	99
72) 1,2,3-Trichlorobenzene	13.686	180	33498	4.564	ug/L	97

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

