

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031723\
 Data File : VV030245.D
 Acq On : 17 Mar 2023 19:59
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005307

Quant Time: Mar 17 23:01:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 17 22:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	112299	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	109194	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	60869	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	30670	4.221	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.400%
7) Chloroethane-d5	1.536	69	28445	4.170	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.400%
11) 1,1-Dichloroethene-d2	2.066	63	71282	4.772	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.400%
20) 2-Butanone-d5	3.825	46	79697	59.489	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.980%
24) Chloroform-d	4.262	84	70855	4.774	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	4.953	65	35429	5.847	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.000%
32) Benzene-d6	4.970	84	123952	4.219	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
36) 1,2-Dichloropropane-d6	5.998	67	36847	4.169	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.400%
41) Toluene-d8	7.252	98	117464	4.218	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.400%
43) trans-1,3-Dichloroprop...	7.561	79	14574	4.819	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.400%
46) 2-Hexanone-d5	8.037	63	61627	49.257	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.520%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	30598	4.866	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.400%
66) 1,2-Dichlorobenzene-d4	11.571	152	45981	4.465	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	39651	4.340	ug/L	99
3) Chloromethane	1.217	50	78018	5.419	ug/L	97
5) Vinyl chloride	1.285	62	41943	4.383	ug/L	100
6) Bromomethane	1.491	94	12654	7.367	ug/L	100
8) Chloroethane	1.555	64	25570	4.386	ug/L	98
9) Trichlorofluoromethane	1.719	101	70075	5.104	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.073	101	39080	4.590	ug/L	96
12) 1,1-Dichloroethene	2.076	96	33662	4.467	ug/L	91
13) Acetone	2.159	43	58966	59.551	ug/L	73
14) Carbon disulfide	2.246	76	71613	3.551	ug/L	100
15) Methyl Acetate	2.394	43	11069	4.786	ug/L	94
16) Methylene chloride	2.455	84	42283	4.593	ug/L	87
17) Methyl tert-butyl Ether	2.716	73	73512	4.988	ug/L #	90
18) trans-1,2-Dichloroethene	2.703	96	30960	4.318	ug/L	93
19) 1,1-Dichloroethane	3.121	63	65617	4.913	ug/L	99
21) 2-Butanone	3.912	43	79773	59.904	ug/L	87
22) cis-1,2-Dichloroethene	3.828	96	35394	4.467	ug/L	98
23) Bromochloromethane	4.162	128	16327	4.822	ug/L	95
25) Chloroform	4.288	83	70575	5.080	ug/L	98

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

27) 1,2-Dichloroethane	5.056	62	42773	5.886	ug/L #	94
29) 1,1,1-Trichloroethane	4.526	97	65145	5.079	ug/L	96
30) Cyclohexane	4.593	56	44957	4.056	ug/L	99
31) Carbon tetrachloride	4.748	117	56335	4.886	ug/L	99
33) Benzene	5.021	78	133344	4.471	ug/L	100
34) Trichloroethene	5.844	95	36950	4.422	ug/L	97
35) Methylcyclohexane	6.060	83	48461	3.832	ug/L	94
37) 1,2-Dichloropropane	6.105	63	35470	4.675	ug/L	100
38) Bromodichloromethane	6.442	83	49902	5.152	ug/L	100
39) cis-1,3-Dichloropropene	6.963	75	47207	4.250	ug/L	98
40) 4-Methyl-2-pentanone	7.172	43	201070	64.226	ug/L	89
42) Toluene	7.323	91	148838	4.608	ug/L	96
44) trans-1,3-Dichloropropene	7.590	75	40807	4.707	ug/L	97
45) 1,1,2-Trichloroethane	7.776	97	26078	4.804	ug/L	97
47) Tetrachloroethene	7.915	164	38415	5.356	ug/L	97
48) 2-Hexanone	8.088	43	145387	64.869	ug/L	88
49) Dibromochloromethane	8.185	129	30428	4.790	ug/L	99
50) 1,2-Dibromoethane	8.294	107	23138	4.568	ug/L	96
51) Chlorobenzene	8.825	112	96453	4.428	ug/L	98
52) Ethylbenzene	8.953	91	158600	4.512	ug/L	99
53) m,p-Xylene	9.082	106	60781	4.499	ug/L	98
54) o-Xylene	9.487	106	59287	4.594	ug/L	98
55) Styrene	9.506	104	105792	4.930	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.188	83	30586	5.037	ug/L	98
59) Bromoform	9.677	173	18104	4.962	ug/L	99
60) Isopropylbenzene	9.876	105	165355	4.721	ug/L	99
61) 1,2,3-Trichloropropane	10.220	75	21374	5.246	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	135178	4.699	ug/L	100
63) 1,2,4-Trimethylbenzene	10.860	105	140502	4.774	ug/L	99
64) 1,3-Dichlorobenzene	11.127	146	86139	4.724	ug/L	97
65) 1,4-Dichlorobenzene	11.220	146	84577	4.597	ug/L	98
67) 1,2-Dichlorobenzene	11.590	146	78639	4.884	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.374	75	5306	5.832	ug/L	82
69) 1,3,5-Trichlorobenzene	12.593	180	64775	4.321	ug/L	99
70) 1,2,4-trichlorobenzene	13.210	180	50210	4.134	ug/L	98
71) Naphthalene	13.448	128	71804	4.524	ug/L	99
72) 1,2,3-Trichlorobenzene	13.693	180	43714	4.373	ug/L	99

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

