

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050322\
 Data File : VV025790.D
 Acq On : 03 May 2022 14:06
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005282

Quant Time: May 04 05:01:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR050322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 03 12:56:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	167587	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	168058	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	92671	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.311	65	85650	4.663	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.200%
7) Chloroethane-d5	1.571	69	76522	4.736	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.800%
11) 1,1-Dichloroethene-d2	2.114	63	167032	4.787	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.800%
20) 2-Butanone-d5	3.896	46	123982	49.319	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.640%
24) Chloroform-d	4.352	84	134261	4.880	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
26) 1,2-Dichloroethane-d4	5.034	65	58478	4.802	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	5.053	84	269404	4.992	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
36) 1,2-Dichloropropane-d6	6.069	67	76228	4.802	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.317	98	246318	5.045	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
43) trans-1,3-Dichloroprop...	7.622	79	25889	5.152	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.000%
46) 2-Hexanone-d5	8.088	63	106023	54.141	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.280%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	48493	4.839	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	79267	4.876	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	100508	5.094	ug/L	100
3) Chloromethane	1.243	50	111155	4.838	ug/L	99
5) Vinyl chloride	1.314	62	114435	4.990	ug/L	100
6) Bromomethane	1.526	94	64117	5.135	ug/L	98
8) Chloroethane	1.587	64	72641	4.923	ug/L	97
9) Trichlorofluoromethane	1.757	101	157348	5.042	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	84229	5.004	ug/L	98
12) 1,1-Dichloroethene	2.124	96	81185	5.026	ug/L	80
13) Acetone	2.188	43	80205	48.476	ug/L	97
14) Carbon disulfide	2.298	76	216846	5.192	ug/L	99
15) Methyl Acetate	2.446	43	21316	5.382	ug/L #	87
16) Methylene chloride	2.510	84	70663	4.510	ug/L	94
17) Methyl tert-butyl Ether	2.770	73	128578	5.236	ug/L	96
18) trans-1,2-Dichloroethene	2.764	96	71338	5.014	ug/L	97
19) 1,1-Dichloroethane	3.195	63	131666	5.188	ug/L	98
21) 2-Butanone	3.982	43	120461	54.413	ug/L	93
22) cis-1,2-Dichloroethene	3.915	96	75224	5.165	ug/L	91
23) Bromochloromethane	4.253	128	30281	5.084	ug/L	84
25) Chloroform	4.378	83	134643	5.082	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	72427	5.043	ug/L	97
29) 1,1,1-Trichloroethane	4.609	97	120224	5.282	ug/L	99
30) Cyclohexane	4.680	56	112996	5.489	ug/L	95
31) Carbon tetrachloride	4.831	117	104085	5.356	ug/L	98
33) Benzene	5.101	78	299202	5.312	ug/L	100
34) Trichloroethene	5.915	95	77247	5.213	ug/L	98
35) Methylcyclohexane	6.133	83	125191	5.482	ug/L	95
37) 1,2-Dichloropropane	6.175	63	71768	5.244	ug/L	100
38) Bromodichloromethane	6.510	83	87898	5.181	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	91737	5.472	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	316572	55.683	ug/L	94
42) Toluene	7.387	91	322505	5.392	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	72077	5.391	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	44975	5.151	ug/L	99
47) Tetrachloroethene	7.976	164	60489	4.782	ug/L	98
48) 2-Hexanone	8.140	43	229632	57.273	ug/L	93
49) Dibromochloromethane	8.246	129	50315	5.222	ug/L	99
50) 1,2-Dibromoethane	8.352	107	40906	5.310	ug/L	97
51) Chlorobenzene	8.879	112	198789	5.224	ug/L	98
52) Ethylbenzene	9.011	91	340084	5.488	ug/L	98
53) m,p-Xylene	9.137	106	134029	5.505	ug/L	97
54) o-Xylene	9.542	106	125474	5.433	ug/L	100
55) Styrene	9.561	104	213594	5.600	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	46413	4.993	ug/L	97
59) Bromoform	9.731	173	22225	5.100	ug/L	95
60) Isopropylbenzene	9.931	105	338401	5.425	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	37217	5.018	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	142874	5.330	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	270702	5.526	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	153832	5.360	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	151586	5.173	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	135555	5.290	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	6842	4.945	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	113250	5.257	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	86157	5.357	ug/L	97
71) Naphthalene	13.500	128	127239	5.572	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	72278	5.515	ug/L	98

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

