

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050523\
 Data File : VV030991.D
 Acq On : 05 May 2023 11:37
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005342

Quant Time: May 06 01:42:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu May 04 05:37:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	124507	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	120634	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	72172	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	43044	4.196	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.000%
7) Chloroethane-d5	1.535	69	38068	4.549	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.000%
11) 1,1-Dichloroethene-d2	2.063	65	24242	4.465	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.400%
20) 2-Butanone-d5	3.834	46	96725	53.173	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.340%
24) Chloroform-d	4.259	84	100741	4.942	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	4.950	65	51571	4.976	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	4.969	84	166004	4.695	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
36) 1,2-Dichloropropane-d6	5.995	67	47528	4.622	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.400%
41) Toluene-d8	7.249	98	154420	4.586	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
43) trans-1,3-Dichloroprop...	7.561	79	19041	4.940	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.800%
46) 2-Hexanone-d5	8.037	63	69020	51.112	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.220%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	40093	5.380	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.600%
66) 1,2-Dichlorobenzene-d4	11.567	152	64385	4.786	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	48683	4.949	ug/L	100
3) Chloromethane	1.217	50	52864	4.580	ug/L	95
5) Vinyl chloride	1.285	62	48692	5.040	ug/L	99
6) Bromomethane	1.490	94	23181	5.038	ug/L	98
8) Chloroethane	1.551	64	29458	5.010	ug/L	98
9) Trichlorofluoromethane	1.715	101	93684	5.256	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	49679	5.460	ug/L	99
12) 1,1-Dichloroethene	2.072	96	44717	5.337	ug/L	90
13) Acetone	2.159	43	74482	47.935	ug/L	86
14) Carbon disulfide	2.246	76	100358	4.578	ug/L	98
15) Methyl Acetate	2.394	43	12686	4.013	ug/L #	83
16) Methylene chloride	2.452	84	51475	5.431	ug/L	96
17) Methyl tert-butyl Ether	2.712	73	85243	5.344	ug/L	97
18) trans-1,2-Dichloroethene	2.699	96	38661	5.051	ug/L	93
19) 1,1-Dichloroethane	3.117	63	78141	5.287	ug/L	99
21) 2-Butanone	3.918	43	82515	48.286	ug/L	96
22) cis-1,2-Dichloroethene	3.825	96	41201	5.102	ug/L	99
23) Bromochloromethane	4.159	128	19757	5.196	ug/L	98
25) Chloroform	4.284	83	88559	5.585	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.053	62	56588	5.686	ug/L	99
29) 1,1,1-Trichloroethane	4.519	97	84092	5.548	ug/L	99
30) Cyclohexane	4.587	56	56123	4.902	ug/L	98
31) Carbon tetrachloride	4.744	117	77188	5.669	ug/L	97
33) Benzene	5.018	78	167611	5.523	ug/L	100
34) Trichloroethene	5.841	95	42337	5.234	ug/L	96
35) Methylcyclohexane	6.056	83	62818	5.011	ug/L	98
37) 1,2-Dichloropropane	6.101	63	36958	5.135	ug/L #	96
38) Bromodichloromethane	6.439	83	58891	5.590	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	58776	5.452	ug/L	98
40) 4-Methyl-2-pentanone	7.169	43	204486	54.834	ug/L	98
42) Toluene	7.323	91	187218	5.731	ug/L	100
44) trans-1,3-Dichloropropene	7.590	75	50746	5.525	ug/L	100
45) 1,1,2-Trichloroethane	7.776	97	29399	5.505	ug/L	98
47) Tetrachloroethene	7.911	164	41604	5.392	ug/L	98
48) 2-Hexanone	8.085	43	160698	56.183	ug/L	98
49) Dibromochloromethane	8.185	129	39054	5.813	ug/L	97
50) 1,2-Dibromoethane	8.288	107	25625	5.380	ug/L	98
51) Chlorobenzene	8.821	112	121534	5.487	ug/L	97
52) Ethylbenzene	8.953	91	193581	5.435	ug/L	96
53) m,p-Xylene	9.079	106	78994	5.558	ug/L	95
54) o-Xylene	9.484	106	76273	5.639	ug/L	93
55) Styrene	9.503	104	127883	5.603	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.188	83	33634	5.634	ug/L #	98
59) Bromoform	9.673	173	24457	5.757	ug/L	98
60) Isopropylbenzene	9.873	105	203887	5.240	ug/L	100
61) 1,2,3-Trichloropropane	10.217	75	22863	5.043	ug/L	97
62) 1,3,5-Trimethylbenzene	10.484	105	163524	5.162	ug/L	98
63) 1,2,4-Trimethylbenzene	10.860	105	163527	5.095	ug/L	99
64) 1,3-Dichlorobenzene	11.123	146	107965	5.403	ug/L	97
65) 1,4-Dichlorobenzene	11.217	146	106654	5.290	ug/L	96
67) 1,2-Dichlorobenzene	11.586	146	96086	5.347	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.374	75	5853	5.086	ug/L	94
69) 1,3,5-Trichlorobenzene	12.590	180	84915	5.366	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	66433	5.464	ug/L	98
71) Naphthalene	13.448	128	80202	4.600	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	54955	5.339	ug/L	97

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

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