

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052022\
 Data File : VW025948.D
 Acq On : 20 May 2022 17:09
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005294

Quant Time: May 20 21:52:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR051322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 20 21:49:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	147278	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	148589	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	80589	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	46151	3.794	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.800%
7) Chloroethane-d5	1.571	69	44810	4.302	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.000%
11) 1,1-Dichloroethene-d2	2.111	63	106284	3.948	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.000%
20) 2-Butanone-d5	3.912	46	80185	56.923	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.840%
24) Chloroform-d	4.346	84	98527	4.959	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
26) 1,2-Dichloroethane-d4	5.030	65	42151	5.003	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
32) Benzene-d6	5.047	84	182142	4.720	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
36) 1,2-Dichloropropane-d6	6.066	67	55358	4.935	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.600%
41) Toluene-d8	7.313	98	165473	4.613	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
43) trans-1,3-Dichloroprop...	7.622	79	16122	4.395	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.800%
46) 2-Hexanone-d5	8.088	63	65265	47.914	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.820%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	38045	5.265	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	56135	4.892	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.134	85	57620	3.628	ug/L	99
3) Chloromethane	1.243	50	75339	4.061	ug/L	99
5) Vinyl chloride	1.314	62	77464	3.970	ug/L	99
6) Bromomethane	1.526	94	39403	3.469	ug/L	99
8) Chloroethane	1.587	64	52585	4.154	ug/L	96
9) Trichlorofluoromethane	1.754	101	102871	3.950	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	53787	3.685	ug/L	96
12) 1,1-Dichloroethene	2.121	96	57052	4.031	ug/L	100
13) Acetone	2.201	43	63322	46.626	ug/L	100
14) Carbon disulfide	2.294	76	129126	3.541	ug/L	100
15) Methyl Acetate	2.445	43	16214	5.241	ug/L #	86
16) Methylene chloride	2.506	84	65271	4.543	ug/L	99
17) Methyl tert-butyl Ether	2.770	73	102725	4.549	ug/L	98
18) trans-1,2-Dichloroethene	2.760	96	50713	4.108	ug/L	98
19) 1,1-Dichloroethane	3.191	63	105262	4.505	ug/L	99
21) 2-Butanone	3.989	43	90588	46.449	ug/L	94
22) cis-1,2-Dichloroethene	3.908	96	54920	4.355	ug/L	98
23) Bromochloromethane	4.246	128	25106	4.707	ug/L	95
25) Chloroform	4.371	83	108506	4.581	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	58996	4.725	ug/L	100
29) 1,1,1-Trichloroethane	4.606	97	88238	4.355	ug/L	99
30) Cyclohexane	4.677	56	63521	3.520	ug/L	99
31) Carbon tetrachloride	4.825	117	72391	4.221	ug/L	98
33) Benzene	5.098	78	219640	4.364	ug/L	100
34) Trichloroethene	5.911	95	51861	4.035	ug/L	99
35) Methylcyclohexane	6.127	83	65674	3.328	ug/L	98
37) 1,2-Dichloropropane	6.169	63	54374	4.580	ug/L	100
38) Bromodichloromethane	6.506	83	67178	4.503	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	58125	3.793	ug/L	95
40) 4-Methyl-2-pentanone	7.227	43	249958	45.523	ug/L	99
42) Toluene	7.384	91	225443	4.304	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	49679	3.975	ug/L	96
45) 1,1,2-Trichloroethane	7.837	97	37749	4.632	ug/L	95
47) Tetrachloroethene	7.972	164	37788	3.795	ug/L	96
48) 2-Hexanone	8.136	43	182843	47.104	ug/L	100
49) Dibromochloromethane	8.243	129	38483	4.322	ug/L	100
50) 1,2-Dibromoethane	8.352	107	32797	4.527	ug/L	98
51) Chlorobenzene	8.879	112	142939	4.207	ug/L	98
52) Ethylbenzene	9.011	91	213975	3.884	ug/L	99
53) m,p-Xylene	9.136	106	86808	4.079	ug/L	97
54) o-Xylene	9.542	106	82041	4.048	ug/L	97
55) Styrene	9.558	104	143967	4.228	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	40881	4.643	ug/L	97
59) Bromoform	9.731	173	15854	3.793	ug/L	98
60) Isopropylbenzene	9.927	105	212640	3.948	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	29683	4.424	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	85617	3.722	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	154197	3.656	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	101866	3.997	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	100031	3.856	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	94392	4.122	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	5198	4.000	ug/L	90
69) 1,3,5-Trichlorobenzene	12.641	180	68193	3.592	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	50588	3.513	ug/L	98
71) Naphthalene	13.500	128	76491	3.547	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	44271	3.559	ug/L	97

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

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