

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051322\
 Data File : VW025890.D
 Acq On : 13 May 2022 14:12
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005289

Quant Time: May 14 07:23:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR051322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat May 14 07:17:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	151255	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	152748	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	84227	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	52254	4.183	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.600%
7) Chloroethane-d5	1.568	69	44318	4.143	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.800%
11) 1,1-Dichloroethene-d2	2.111	63	120696	4.365	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.200%
20) 2-Butanone-d5	3.905	46	42097	29.099	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	58.200%
24) Chloroform-d	4.346	84	82264	4.032	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.600%
26) 1,2-Dichloroethane-d4	5.034	65	33948	3.923	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.400%
32) Benzene-d6	5.047	84	166121	4.188	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.800%
36) 1,2-Dichloropropane-d6	6.066	67	46907	4.068	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.400%
41) Toluene-d8	7.314	98	159232	4.318	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.400%
43) trans-1,3-Dichloroprop...	7.622	79	15994	4.241	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.800%
46) 2-Hexanone-d5	8.088	63	51090	36.486	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.980%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	28804	3.878	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	49870	4.159	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	84127	5.158	ug/L	99
3) Chloromethane	1.243	50	92913	4.876	ug/L	98
5) Vinyl chloride	1.311	62	98836	4.932	ug/L	99
6) Bromomethane	1.523	94	56894	4.877	ug/L	100
8) Chloroethane	1.584	64	61692	4.745	ug/L	98
9) Trichlorofluoromethane	1.754	101	135658	5.072	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	76462	5.101	ug/L	99
12) 1,1-Dichloroethene	2.118	96	72133	4.962	ug/L	98
13) Acetone	2.185	43	45728	32.786	ug/L	82
14) Carbon disulfide	2.294	76	184796	4.934	ug/L	99
15) Methyl Acetate	2.442	43	14652	4.612	ug/L	93
16) Methylene chloride	2.507	84	67007	4.541	ug/L	97
17) Methyl tert-butyl Ether	2.767	73	109648	4.727	ug/L	98
18) trans-1,2-Dichloroethene	2.761	96	63723	5.027	ug/L	100
19) 1,1-Dichloroethane	3.188	63	117296	4.888	ug/L	98
21) 2-Butanone	3.986	43	64848	32.377	ug/L	90
22) cis-1,2-Dichloroethene	3.909	96	63051	4.869	ug/L	95
23) Bromochloromethane	4.246	128	26336	4.808	ug/L	94
25) Chloroform	4.372	83	118297	4.863	ug/L	97

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 ALS Vial : 2 Sample Multiplier: 1

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 ClientSampleId :
 VSTD005289

Quant Time: May 14 07:23:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR051322WMA.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	60245	4.699	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	105501	5.065	ug/L	99
30) Cyclohexane	4.674	56	94508	5.095	ug/L	99
31) Carbon tetrachloride	4.822	117	90082	5.109	ug/L	100
33) Benzene	5.095	78	260805	5.041	ug/L	100
34) Trichloroethene	5.912	95	66690	5.048	ug/L	99
35) Methylcyclohexane	6.127	83	107116	5.280	ug/L	98
37) 1,2-Dichloropropane	6.169	63	61752	5.060	ug/L	100
38) Bromodichloromethane	6.506	83	77255	5.037	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	76869	4.880	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	269938	47.823	ug/L	99
42) Toluene	7.384	91	279402	5.188	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	64599	5.028	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	40838	4.875	ug/L	94
47) Tetrachloroethene	7.973	164	51428	5.024	ug/L	95
48) 2-Hexanone	8.140	43	194161	48.658	ug/L	99
49) Dibromochloromethane	8.243	129	45207	4.939	ug/L	97
50) 1,2-Dibromoethane	8.352	107	35550	4.774	ug/L	97
51) Chlorobenzene	8.879	112	173792	4.975	ug/L	99
52) Ethylbenzene	9.011	91	285813	5.046	ug/L	99
53) m,p-Xylene	9.137	106	112174	5.128	ug/L	96
54) o-Xylene	9.542	106	107314	5.151	ug/L	100
55) Styrene	9.558	104	182301	5.208	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	42872	4.737	ug/L	98
59) Bromoform	9.728	173	20847	4.772	ug/L	99
60) Isopropylbenzene	9.931	105	288874	5.132	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	32321	4.609	ug/L	100
62) 1,3,5-Trimethylbenzene	10.535	105	121034	5.034	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	220751	5.008	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	134219	5.039	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	133241	4.914	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	117566	4.913	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.429	75	5915	4.355	ug/L	92
69) 1,3,5-Trichlorobenzene	12.644	180	99123	4.996	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	72311	4.805	ug/L	98
71) Naphthalene	13.500	128	102770	4.560	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	63031	4.848	ug/L	98

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

