

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041922\
 Data File : VW025622.D
 Acq On : 19 Apr 2022 09:37
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005384

Quant Time: Apr 20 02:41:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 19 05:06:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	202022	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	208484	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	113205	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	75718	4.031	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.600%
7) Chloroethane-d5	1.571	69	71208	3.564	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.200%
11) 1,1-Dichloroethene-d2	2.111	63	164330	4.368	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.400%
20) 2-Butanone-d5	3.889	46	102650	44.930	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.860%
24) Chloroform-d	4.346	84	126103	4.443	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
26) 1,2-Dichloroethane-d4	5.030	65	56757	4.641	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
32) Benzene-d6	5.047	84	247168	4.097	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
36) 1,2-Dichloropropane-d6	6.066	67	71314	4.239	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.800%
41) Toluene-d8	7.310	98	235559	4.208	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.200%
43) trans-1,3-Dichloroprop...	7.619	79	23867	4.221	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.400%
46) 2-Hexanone-d5	8.085	63	80394	40.510	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.020%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	43065	4.052	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	75600	3.983	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	79.600%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.134	85	85140	4.665	ug/L	99
3) Chloromethane	1.243	50	101951	5.141	ug/L	99
5) Vinyl chloride	1.314	62	112917	5.039	ug/L	100
6) Bromomethane	1.526	94	66364	4.107	ug/L	99
8) Chloroethane	1.587	64	77035	4.454	ug/L	99
9) Trichlorofluoromethane	1.754	101	166675	5.296	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	91717	5.187	ug/L	98
12) 1,1-Dichloroethene	2.121	96	84451	4.820	ug/L	84
13) Acetone	2.185	43	84549	54.523	ug/L	97
14) Carbon disulfide	2.297	76	185153	4.414	ug/L	100
15) Methyl Acetate	2.439	43	18247	5.294	ug/L	97
16) Methylene chloride	2.506	84	72030	4.240	ug/L	95
17) Methyl tert-butyl Ether	2.770	73	129565	4.779	ug/L	98
18) trans-1,2-Dichloroethene	2.760	96	70046	4.771	ug/L	98
19) 1,1-Dichloroethane	3.188	63	131537	5.289	ug/L	98
21) 2-Butanone	3.973	43	119224	55.641	ug/L	96
22) cis-1,2-Dichloroethene	3.908	96	74789	4.838	ug/L	94
23) Bromochloromethane	4.246	128	31928	4.975	ug/L	93
25) Chloroform	4.371	83	144309	5.497	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	74473	5.377	ug/L	95
29) 1,1,1-Trichloroethane	4.603	97	125085	5.087	ug/L	98
30) Cyclohexane	4.674	56	98307	4.397	ug/L	97
31) Carbon tetrachloride	4.825	117	104170	5.009	ug/L	98
33) Benzene	5.095	78	301959	4.903	ug/L	100
34) Trichloroethene	5.911	95	78170	4.780	ug/L	97
35) Methylcyclohexane	6.127	83	118505	4.542	ug/L	97
37) 1,2-Dichloropropane	6.169	63	73036	5.126	ug/L	100
38) Bromodichloromethane	6.506	83	92856	5.250	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	93446	5.005	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	311340	54.576	ug/L	97
42) Toluene	7.384	91	330979	4.941	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	76681	5.286	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	47752	5.005	ug/L	98
47) Tetrachloroethene	7.972	164	59375	4.638	ug/L	98
48) 2-Hexanone	8.136	43	224501	56.470	ug/L	96
49) Dibromochloromethane	8.243	129	55430	5.292	ug/L	98
50) 1,2-Dibromoethane	8.349	107	42485	4.741	ug/L	98
51) Chlorobenzene	8.879	112	205368	4.801	ug/L	99
52) Ethylbenzene	9.008	91	337935	4.730	ug/L	98
53) m,p-Xylene	9.136	106	135798	4.999	ug/L	100
54) o-Xylene	9.542	106	125631	4.761	ug/L	100
55) Styrene	9.558	104	224271	5.227	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.236	83	46516	4.879	ug/L	99
59) Bromoform	9.728	173	24277	5.195	ug/L	97
60) Isopropylbenzene	9.927	105	339388	4.843	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	38364	5.145	ug/L	95
62) 1,3,5-Trimethylbenzene	10.535	105	144665	4.630	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	277311	4.926	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	156861	4.796	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	158175	4.764	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	139823	4.827	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	6230	4.833	ug/L	98
69) 1,3,5-Trichlorobenzene	12.641	180	113649	4.567	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	83054	4.329	ug/L	100
71) Naphthalene	13.500	128	116048	4.123	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	71854	4.523	ug/L	97

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

