

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040822\
 Data File : VW025401.D
 Acq On : 08 Apr 2022 10:07
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005301

Quant Time: Apr 09 04:44:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 09 04:40:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	207134	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	189060	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	97436	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	88602	4.601	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.000%
7) Chloroethane-d5	1.568	69	89658	4.376	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.600%
11) 1,1-Dichloroethene-d2	2.108	63	187102	4.850	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.000%
20) 2-Butanone-d5	3.876	46	111836	47.743	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.480%
24) Chloroform-d	4.343	84	137450	4.723	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	5.031	65	58579	4.672	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
32) Benzene-d6	5.047	84	278561	5.092	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.800%
36) 1,2-Dichloropropane-d6	6.066	67	74698	4.896	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.000%
41) Toluene-d8	7.310	98	261477	5.151	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.000%
43) trans-1,3-Dichloroprop...	7.619	79	26020	5.074	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.400%
46) 2-Hexanone-d5	8.085	63	92381	51.333	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.660%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	47392	4.917	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	85753	5.249	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	101444	5.421	ug/L	99
3) Chloromethane	1.243	50	105511	5.190	ug/L	100
5) Vinyl chloride	1.311	62	121366	5.282	ug/L	99
6) Bromomethane	1.523	94	81137	4.898	ug/L	99
8) Chloroethane	1.584	64	93681	5.282	ug/L	98
9) Trichlorofluoromethane	1.754	101	181720	5.631	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	103914	5.732	ug/L	99
12) 1,1-Dichloroethene	2.118	96	98300	5.471	ug/L	82
13) Acetone	2.172	43	94963	59.728	ug/L	98
14) Carbon disulfide	2.294	76	216768	5.041	ug/L	100
15) Methyl Acetate	2.433	43	22617	6.400	ug/L	95
16) Methylene chloride	2.503	84	85950	4.934	ug/L	95
17) Methyl tert-butyl Ether	2.764	73	164084	5.902	ug/L	98
18) trans-1,2-Dichloroethene	2.757	96	84906	5.640	ug/L	95
19) 1,1-Dichloroethane	3.185	63	145377	5.701	ug/L	98
21) 2-Butanone	3.963	43	133404	60.722	ug/L	99
22) cis-1,2-Dichloroethene	3.905	96	89712	5.660	ug/L	99
23) Bromochloromethane	4.243	128	36786	5.590	ug/L	97
25) Chloroform	4.368	83	157591	5.855	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	82167	5.786	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	141246	6.334	ug/L	99
30) Cyclohexane	4.674	56	122825	6.058	ug/L	100
31) Carbon tetrachloride	4.825	117	118758	6.297	ug/L	99
33) Benzene	5.095	78	342153	6.127	ug/L	100
34) Trichloroethene	5.908	95	92650	6.248	ug/L	98
35) Methylcyclohexane	6.127	83	143355	6.059	ug/L	100
37) 1,2-Dichloropropane	6.169	63	81316	6.294	ug/L	100
38) Bromodichloromethane	6.506	83	101573	6.333	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	109102	6.444	ug/L	98
40) 4-Methyl-2-pentanone	7.220	43	341108	65.938	ug/L	98
42) Toluene	7.384	91	375225	6.176	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	85987	6.537	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	55817	6.451	ug/L	98
47) Tetrachloroethene	7.973	164	71666	6.173	ug/L	97
48) 2-Hexanone	8.133	43	242349	67.222	ug/L	98
49) Dibromochloromethane	8.243	129	62263	6.555	ug/L	99
50) 1,2-Dibromoethane	8.349	107	49761	6.123	ug/L	99
51) Chlorobenzene	8.879	112	243137	6.268	ug/L	100
52) Ethylbenzene	9.008	91	405404	6.257	ug/L	99
53) m,p-Xylene	9.137	106	158805	6.446	ug/L	97
54) o-Xylene	9.542	106	154599	6.461	ug/L	95
55) Styrene	9.558	104	257223	6.611	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.236	83	54277	6.279	ug/L	98
59) Bromoform	9.728	173	28045	6.973	ug/L	99
60) Isopropylbenzene	9.928	105	419359	6.953	ug/L	100
61) 1,2,3-Trichloropropane	10.268	75	43543	6.785	ug/L	96
62) 1,3,5-Trimethylbenzene	10.535	105	186323	6.928	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	340132	7.019	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	189721	6.739	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	187876	6.574	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	168079	6.741	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	7282	6.563	ug/L	93
69) 1,3,5-Trichlorobenzene	12.641	180	141072	6.586	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	112014	6.784	ug/L	100
71) Naphthalene	13.500	128	165211	6.820	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	92743	6.783	ug/L	99

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

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