

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031722\
 Data File : VW025086.D
 Acq On : 17 Mar 2022 16:43
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005337

Quant Time: Mar 18 02:23:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 18 02:20:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	141167	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	135811	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	67235	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	55073	4.942	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.800%
7) Chloroethane-d5	1.568	69	42088	5.157	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.200%
11) 1,1-Dichloroethene-d2	2.108	63	95306	5.291	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.800%
20) 2-Butanone-d5	3.915	46	72827	54.070	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.140%
24) Chloroform-d	4.352	84	92135	4.984	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
26) 1,2-Dichloroethane-d4	5.037	65	38158	4.938	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
32) Benzene-d6	5.050	84	189385	4.807	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
36) 1,2-Dichloropropane-d6	6.072	67	54492	4.810	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.200%
41) Toluene-d8	7.317	98	174469	4.859	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
43) trans-1,3-Dichloroprop...	7.625	79	17346	4.392	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.800%
46) 2-Hexanone-d5	8.092	63	64368	47.782	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.560%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	32863	4.931	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	52770	4.636	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	65728	5.270	ug/L	98
3) Chloromethane	1.240	50	61278	5.209	ug/L	98
5) Vinyl chloride	1.311	62	66392	5.349	ug/L	98
6) Bromomethane	1.523	94	42032	5.240	ug/L	98
8) Chloroethane	1.584	64	40460	5.376	ug/L	98
9) Trichlorofluoromethane	1.754	101	94384	5.591	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	50471	5.514	ug/L	98
12) 1,1-Dichloroethene	2.118	96	50389	5.603	ug/L	96
13) Acetone	2.204	43	56654	62.893	ug/L	64
14) Carbon disulfide	2.294	76	165686	5.149	ug/L	99
15) Methyl Acetate	2.449	43	15564	6.306	ug/L	93
16) Methylene chloride	2.507	84	60082	5.514	ug/L	98
17) Methyl tert-butyl Ether	2.774	73	106851	5.455	ug/L	98
18) trans-1,2-Dichloroethene	2.761	96	59592	5.506	ug/L	96
19) 1,1-Dichloroethane	3.192	63	103972	5.645	ug/L	98
21) 2-Butanone	3.995	43	87366	61.450	ug/L #	75
22) cis-1,2-Dichloroethene	3.915	96	61507	5.629	ug/L	96
23) Bromochloromethane	4.253	128	24634	5.718	ug/L	97
25) Chloroform	4.378	83	111643	5.821	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.134	62	54659	5.732	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	94597	5.462	ug/L	99
30) Cyclohexane	4.677	56	82944	4.922	ug/L	99
31) Carbon tetrachloride	4.828	117	81090	5.457	ug/L	100
33) Benzene	5.101	78	240888	5.453	ug/L	100
34) Trichloroethene	5.915	95	64417	5.477	ug/L	99
35) Methylcyclohexane	6.130	83	92495	4.968	ug/L	97
37) 1,2-Dichloropropane	6.175	63	59142	5.826	ug/L	100
38) Bromodichloromethane	6.510	83	70030	5.455	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	74134	5.260	ug/L	97
40) 4-Methyl-2-pentanone	7.230	43	235032	56.267	ug/L	97
42) Toluene	7.387	91	260306	5.631	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	58352	5.261	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	37753	5.568	ug/L	97
47) Tetrachloroethene	7.976	164	44970	5.435	ug/L	98
48) 2-Hexanone	8.140	43	163551	55.229	ug/L	98
49) Dibromochloromethane	8.246	129	40641	5.355	ug/L	100
50) 1,2-Dibromoethane	8.352	107	34988	5.639	ug/L	96
51) Chlorobenzene	8.883	112	158845	5.487	ug/L	99
52) Ethylbenzene	9.011	91	274563	5.614	ug/L	99
53) m,p-xylene	9.137	106	106426	5.651	ug/L	99
54) o-xylene	9.542	106	101304	5.625	ug/L	98
55) Styrene	9.561	104	170651	5.818	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	37465	5.636	ug/L	97
59) Bromoform	9.731	173	17020	4.700	ug/L	96
60) Isopropylbenzene	9.931	105	270674	5.338	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	29278	5.178	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	118069	5.132	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	216867	5.322	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	118989	5.410	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	118044	5.324	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	105257	5.401	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	4863	5.017	ug/L	92
69) 1,3,5-Trichlorobenzene	12.645	180	84576	5.444	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	64453	5.325	ug/L	99
71) Naphthalene	13.500	128	98881	4.919	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	53957	5.261	ug/L	97

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

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