

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042022\
 Data File : VW025637.D
 Acq On : 20 Apr 2022 09:40
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005386

Quant Time: Apr 21 06:33:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 20 02:46:45 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	172621	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	179205	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	97710	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	66396	4.137	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	82.800%	
7) Chloroethane-d5	1.571	69	63339	3.710	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	74.200%	
11) 1,1-Dichloroethene-d2	2.111	63	142932	4.446	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	89.000%	
20) 2-Butanone-d5	3.889	46	103359	52.946	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	105.900%	
24) Chloroform-d	4.346	84	120491	4.968	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.400%	
26) 1,2-Dichloroethane-d4	5.031	65	54378	5.204	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.000%	
32) Benzene-d6	5.047	84	234329	4.519	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.400%	
36) 1,2-Dichloropropane-d6	6.066	67	69123	4.780	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.600%	
41) Toluene-d8	7.310	98	214958	4.467	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.400%	
43) trans-1,3-Dichloroprop...	7.619	79	22577	4.645	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	93.000%	
46) 2-Hexanone-d5	8.085	63	77471	45.415	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	90.840%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	41627	4.556	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	91.200%	
66) 1,2-Dichlorobenzene-d4	11.622	152	73036	4.458	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	89.200%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.134	85	64353	4.127	ug/L	99
3) Chloromethane	1.243	50	82807	4.887	ug/L	96
5) Vinyl chloride	1.314	62	87876	4.589	ug/L	100
6) Bromomethane	1.526	94	52743	3.820	ug/L	99
8) Chloroethane	1.587	64	59264	4.010	ug/L	99
9) Trichlorofluoromethane	1.754	101	130302	4.845	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	72228	4.780	ug/L	98
12) 1,1-Dichloroethene	2.121	96	67568	4.513	ug/L	87
13) Acetone	2.188	43	71449	53.923	ug/L	93
14) Carbon disulfide	2.298	76	145377	4.056	ug/L	99
15) Methyl Acetate	2.442	43	15704	5.333	ug/L	91
16) Methylene chloride	2.507	84	59590	4.105	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	104130	4.495	ug/L	97
18) trans-1,2-Dichloroethene	2.761	96	56088	4.471	ug/L	97
19) 1,1-Dichloroethane	3.188	63	106012	4.989	ug/L	98
21) 2-Butanone	3.979	43	93954	51.316	ug/L	95
22) cis-1,2-Dichloroethene	3.908	96	60502	4.581	ug/L	95
23) Bromochloromethane	4.246	128	25138	4.584	ug/L	95
25) Chloroform	4.371	83	115521	5.150	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	63173	5.338	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	98394	4.655	ug/L	99
30) Cyclohexane	4.674	56	74407	3.872	ug/L	99
31) Carbon tetrachloride	4.825	117	82449	4.612	ug/L	100
33) Benzene	5.095	78	238633	4.508	ug/L	100
34) Trichloroethene	5.912	95	62650	4.457	ug/L	99
35) Methylcyclohexane	6.127	83	88859	3.962	ug/L	97
37) 1,2-Dichloropropane	6.169	63	58998	4.818	ug/L	99
38) Bromodichloromethane	6.506	83	74007	4.868	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	72989	4.548	ug/L	97
40) 4-Methyl-2-pentanone	7.223	43	253088	51.613	ug/L	95
42) Toluene	7.384	91	259998	4.515	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	58620	4.701	ug/L	96
45) 1,1,2-Trichloroethane	7.834	97	38751	4.725	ug/L	99
47) Tetrachloroethene	7.973	164	46521	4.228	ug/L	97
48) 2-Hexanone	8.137	43	186630	54.614	ug/L	94
49) Dibromochloromethane	8.243	129	45402	5.043	ug/L	97
50) 1,2-Dibromoethane	8.349	107	33283	4.321	ug/L	98
51) Chlorobenzene	8.876	112	164591	4.476	ug/L	99
52) Ethylbenzene	9.008	91	262986	4.282	ug/L	98
53) m,p-Xylene	9.133	106	103526	4.433	ug/L	98
54) o-Xylene	9.542	106	96671	4.262	ug/L	100
55) Styrene	9.558	104	170955	4.636	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	36638	4.471	ug/L	97
59) Bromoform	9.728	173	19656	4.873	ug/L	97
60) Isopropylbenzene	9.928	105	262617	4.342	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	30803	4.787	ug/L	97
62) 1,3,5-Trimethylbenzene	10.535	105	108238	4.013	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	204079	4.200	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	122286	4.331	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	123434	4.307	ug/L	97
67) 1,2-Dichlorobenzene	11.638	146	110747	4.429	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	5177	4.653	ug/L	95
69) 1,3,5-Trichlorobenzene	12.641	180	87390	4.068	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	64799	3.913	ug/L	98
71) Naphthalene	13.500	128	88270	3.634	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	53818	3.925	ug/L	97

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

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