

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042922\
 Data File : VW025734.D
 Acq On : 29 Apr 2022 09:24
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005396

Quant Time: May 02 01:19:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 27 05:32:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	187527	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	192598	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	106199	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	76540	4.390	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.800%
7) Chloroethane-d5	1.571	69	79453	4.284	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.600%
11) 1,1-Dichloroethene-d2	2.111	63	158916	4.550	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.000%
20) 2-Butanone-d5	3.889	46	144277	68.031	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	136.060%#
24) Chloroform-d	4.346	84	153282	5.818	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	116.400%
26) 1,2-Dichloroethane-d4	5.030	65	68880	6.068	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	121.400%
32) Benzene-d6	5.047	84	287566	5.160	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.200%
36) 1,2-Dichloropropane-d6	6.066	67	86262	5.551	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.000%
41) Toluene-d8	7.310	98	265277	5.130	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.600%
43) trans-1,3-Dichloroprop...	7.619	79	27155	5.198	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.000%
46) 2-Hexanone-d5	8.085	63	108126	58.978	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.960%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	53620	5.461	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	90506	5.083	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.134	85	69743	4.117	ug/L	98
3) Chloromethane	1.246	50	82289	4.471	ug/L	99
5) Vinyl chloride	1.314	62	92959	4.469	ug/L	98
6) Bromomethane	1.526	94	55069	3.672	ug/L	99
8) Chloroethane	1.587	64	66472	4.140	ug/L	100
9) Trichlorofluoromethane	1.757	101	142896	4.891	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	83221	5.070	ug/L	97
12) 1,1-Dichloroethene	2.121	96	73007	4.489	ug/L	90
13) Acetone	2.185	43	83721	58.162	ug/L	97
14) Carbon disulfide	2.297	76	143099	3.675	ug/L	98
15) Methyl Acetate	2.439	43	18980	5.933	ug/L	94
16) Methylene chloride	2.506	84	67279	4.266	ug/L	95
17) Methyl tert-butyl Ether	2.770	73	124068	4.930	ug/L	96
18) trans-1,2-Dichloroethene	2.760	96	61836	4.537	ug/L	98
19) 1,1-Dichloroethane	3.188	63	126349	5.473	ug/L	97
21) 2-Butanone	3.973	43	119583	60.122	ug/L	96
22) cis-1,2-Dichloroethene	3.908	96	70273	4.898	ug/L	93
23) Bromochloromethane	4.246	128	29010	4.870	ug/L	85
25) Chloroform	4.371	83	137855	5.657	ug/L	98

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Quant Time: May 02 01:19:36 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	70637	5.494	ug/L	97
29) 1,1,1-Trichloroethane	4.606	97	118185	5.203	ug/L	99
30) Cyclohexane	4.674	56	84830	4.107	ug/L	98
31) Carbon tetrachloride	4.825	117	98314	5.118	ug/L	99
33) Benzene	5.095	78	279546	4.914	ug/L	100
34) Trichloroethene	5.908	95	73385	4.858	ug/L	97
35) Methylcyclohexane	6.127	83	101545	4.213	ug/L	94
37) 1,2-Dichloropropane	6.169	63	69219	5.259	ug/L	99
38) Bromodichloromethane	6.506	83	90525	5.540	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	87219	5.057	ug/L	94
40) 4-Methyl-2-pentanone	7.223	43	301528	57.216	ug/L	96
42) Toluene	7.384	91	308401	4.983	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	71577	5.341	ug/L	98
45) 1,1,2-Trichloroethane	7.834	97	46420	5.267	ug/L	98
47) Tetrachloroethene	7.972	164	53868	4.555	ug/L	96
48) 2-Hexanone	8.136	43	224626	61.162	ug/L	96
49) Dibromochloromethane	8.243	129	54631	5.646	ug/L	99
50) 1,2-Dibromoethane	8.349	107	40703	4.916	ug/L	97
51) Chlorobenzene	8.879	112	194284	4.917	ug/L	99
52) Ethylbenzene	9.008	91	317813	4.815	ug/L	99
53) m,p-Xylene	9.136	106	126291	5.032	ug/L	95
54) o-Xylene	9.542	106	120120	4.928	ug/L	96
55) Styrene	9.558	104	208229	5.254	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.236	83	44384	5.040	ug/L	99
59) Bromoform	9.728	173	24014	5.478	ug/L	97
60) Isopropylbenzene	9.927	105	323929	4.928	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	36643	5.239	ug/L	95
62) 1,3,5-Trimethylbenzene	10.535	105	133873	4.567	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	252664	4.784	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	152083	4.956	ug/L	100
65) 1,4-Dichlorobenzene	11.268	146	149715	4.807	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	135041	4.969	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	7083	5.857	ug/L	93
69) 1,3,5-Trichlorobenzene	12.641	180	110900	4.750	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	78280	4.350	ug/L	99
71) Naphthalene	13.500	128	110438	4.183	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	67239	4.512	ug/L	98

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

