

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041422\
 Data File : VW025532.D
 Acq On : 14 Apr 2022 09:32
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005377

Quant Time: Apr 15 07:01:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 14 05:22:13 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	165274	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	165938	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	89058	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.311	65	68736	4.473	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	89.400%	
7) Chloroethane-d5	1.571	69	61849	3.784	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	75.600%	
11) 1,1-Dichloroethene-d2	2.114	63	145639	4.731	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	94.600%	
20) 2-Butanone-d5	3.896	46	83775	44.821	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	89.640%	
24) Chloroform-d	4.349	84	106297	4.578	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.600%	
26) 1,2-Dichloroethane-d4	5.031	65	46463	4.644	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.800%	
32) Benzene-d6	5.047	84	207454	4.321	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.400%	
36) 1,2-Dichloropropane-d6	6.066	67	58782	4.390	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	87.800%	
41) Toluene-d8	7.310	98	196374	4.407	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.200%	
43) trans-1,3-Dichloroprop...	7.622	79	18619	4.137	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	82.800%	
46) 2-Hexanone-d5	8.085	63	65614	41.540	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	83.080%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	36633	4.330	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	86.600%	
66) 1,2-Dichlorobenzene-d4	11.622	152	61775	4.137	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	82.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.134	85	68563	4.592	ug/L	98
3) Chloromethane	1.246	50	86537	5.334	ug/L	99
5) Vinyl chloride	1.317	62	92218	5.030	ug/L	99
6) Bromomethane	1.526	94	57433	4.345	ug/L	99
8) Chloroethane	1.590	64	63517	4.489	ug/L	100
9) Trichlorofluoromethane	1.757	101	132522	5.147	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	71413	4.937	ug/L	97
12) 1,1-Dichloroethene	2.124	96	70593	4.924	ug/L	82
13) Acetone	2.195	43	60463	47.660	ug/L	99
14) Carbon disulfide	2.298	76	161248	4.699	ug/L	98
15) Methyl Acetate	2.446	43	15074	5.346	ug/L	93
16) Methylene chloride	2.510	84	59629	4.290	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	103212	4.653	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	59545	4.957	ug/L	97
19) 1,1-Dichloroethane	3.192	63	105968	5.208	ug/L	97
21) 2-Butanone	3.982	43	88659	50.576	ug/L	90
22) cis-1,2-Dichloroethene	3.912	96	61269	4.845	ug/L	94
23) Bromochloromethane	4.253	128	26326	5.014	ug/L	99
25) Chloroform	4.375	83	112176	5.223	ug/L	95

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Quant Time: Apr 15 07:01:23 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	57884	5.108	ug/L	98
29) 1,1,1-Trichloroethane	4.603	97	98058	5.010	ug/L	99
30) Cyclohexane	4.677	56	77397	4.350	ug/L	99
31) Carbon tetrachloride	4.825	117	82152	4.963	ug/L	99
33) Benzene	5.098	78	243313	4.964	ug/L	100
34) Trichloroethene	5.912	95	64197	4.932	ug/L	98
35) Methylcyclohexane	6.127	83	88277	4.251	ug/L	97
37) 1,2-Dichloropropane	6.169	63	57663	5.085	ug/L	100
38) Bromodichloromethane	6.506	83	72743	5.167	ug/L	100
39) cis-1,3-Dichloropropene	7.024	75	74352	5.003	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	234341	51.611	ug/L	97
42) Toluene	7.384	91	265963	4.988	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	57540	4.984	ug/L	98
45) 1,1,2-Trichloroethane	7.838	97	36454	4.800	ug/L	96
47) Tetrachloroethene	7.973	164	46261	4.540	ug/L	97
48) 2-Hexanone	8.137	43	165526	52.311	ug/L	98
49) Dibromochloromethane	8.243	129	42154	5.057	ug/L	99
50) 1,2-Dibromoethane	8.352	107	33499	4.696	ug/L	96
51) Chlorobenzene	8.879	112	164185	4.822	ug/L	98
52) Ethylbenzene	9.008	91	266821	4.692	ug/L	98
53) m,p-Xylene	9.137	106	107316	4.963	ug/L	96
54) o-Xylene	9.542	106	101974	4.856	ug/L	97
55) Styrene	9.558	104	172222	5.043	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.236	83	37026	4.880	ug/L	98
59) Bromoform	9.728	173	17537	4.770	ug/L	100
60) Isopropylbenzene	9.928	105	268946	4.879	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	29371	5.007	ug/L	97
62) 1,3,5-Trimethylbenzene	10.535	105	114431	4.655	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	210151	4.745	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	122028	4.742	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	120949	4.630	ug/L	98
67) 1,2-Dichlorobenzene	11.638	146	109171	4.791	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.423	75	5025	4.955	ug/L	93
69) 1,3,5-Trichlorobenzene	12.641	180	87035	4.446	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	63372	4.199	ug/L	99
71) Naphthalene	13.500	128	89151	4.027	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	54859	4.390	ug/L	95

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

