

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052621\
 Data File : VW021413.D
 Acq On : 26 May 2021 09:38
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005174

Manual Integrations
 APPROVED

MMDadoda
 5/28/2021 11:27:34 AM

Quant Time: May 27 01:59:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 26 07:52:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	251887	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	230819	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	135680	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	58053	5.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.00%
7) Chloroethane-d5	1.565	69	55415	5.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.00%
11) 1,1-Dichloroethene-d2	2.105	63	111690	5.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	110.60%
20) 2-Butanone-d5	3.921	46	218826	57.12	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.24%
24) Chloroform-d	4.346	84	158559	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.20%
26) 1,2-Dichloroethane-d4	5.031	65	73403	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.00%
32) Benzene-d6	5.047	84	304141	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.60%
36) 1,2-Dichloropropane-d6	6.069	67	95494	5.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.00%
41) Toluene-d8	7.313	98	274799	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.00%
43) trans-1,3-Dichloroprop...	7.622	79	39959	5.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.60%
46) 2-Hexanone-d5	8.088	63	195158	55.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.58%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	78338	5.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.00%
66) 1,2-Dichlorobenzene-d4	11.622	152	120580	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	92428	5.47	ug/L	99
3) Chloromethane	1.237	50	80266	5.42	ug/L	98
5) Vinyl chloride	1.307	62	83882	5.45	ug/L	97
6) Bromomethane	1.520	94	57398	5.69	ug/L	97
8) Chloroethane	1.581	64	51615	5.56	ug/L	99
9) Trichlorofluoromethane	1.748	101	133233	5.61	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	73129	5.52	ug/L	97
12) 1,1-Dichloroethene	2.111	96	68031	5.44	ug/L	89
13) Acetone	2.224	43	110986m	51.39	ug/L	
14) Carbon disulfide	2.288	76	224945	5.36	ug/L	100
15) Methyl Acetate	2.446	43	33976	6.67	ug/L	96
16) Methylene chloride	2.503	84	92688	4.51	ug/L	96
17) Methyl tert-butyl Ether	2.770	73	198398	5.49	ug/L	99
18) trans-1,2-Dichloroethene	2.754	96	84848	5.44	ug/L	94
19) 1,1-Dichloroethane	3.185	63	147718	5.36	ug/L	99
21) 2-Butanone	4.002	43	189125	51.41	ug/L	94
22) cis-1,2-Dichloroethene	3.908	96	92332	5.44	ug/L	97
23) Bromochloromethane	4.246	128	42085	5.52	ug/L	91
25) Chloroform	4.371	83	154579	5.48	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	83312	5.46	ug/L	99
29) 1,1,1-Trichloroethane	4.606	97	144602	5.58	ug/L	99
30) Cyclohexane	4.670	56	136755	5.36	ug/L	99
31) Carbon tetrachloride	4.825	117	130397	5.55	ug/L	99
33) Benzene	5.095	78	332688	5.53	ug/L	100
34) Trichloroethene	5.912	95	90552	5.47	ug/L	99
35) Methylcyclohexane	6.127	83	149716	5.50	ug/L	99
37) 1,2-Dichloropropane	6.172	63	81942	5.48	ug/L	99
38) Bromodichloromethane	6.510	83	110622	5.42	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	131858	5.51	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	498219	54.49	ug/L	99
42) Toluene	7.387	91	369554	5.55	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	111280	5.66	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	59878	5.42	ug/L	99
47) Tetrachloroethene	7.976	164	83851	5.56	ug/L	98
48) 2-Hexanone	8.140	43	347270	55.87	ug/L	99
49) Dibromochloromethane	8.246	129	83908	5.59	ug/L	97
50) 1,2-Dibromoethane	8.352	107	57165	5.37	ug/L	99
51) Chlorobenzene	8.879	112	244800	5.57	ug/L	99
52) Ethylbenzene	9.011	91	414082	5.56	ug/L	100
53) m,p-xylene	9.137	106	158371	5.52	ug/L	98
54) o-xylene	9.542	106	155895	5.56	ug/L	99
55) Styrene	9.561	104	266433	5.64	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	71716	5.51	ug/L	96
59) Bromoform	9.731	173	52514	5.35	ug/L	98
60) Isopropylbenzene	9.931	105	428114	5.33	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	51362	5.33	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	360494	5.27	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	371908	5.32	ug/L	100
64) 1,3-Dichlorobenzene	11.182	146	211200	5.34	ug/L	100
65) 1,4-Dichlorobenzene	11.272	146	210977	5.35	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	195383	5.34	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	12198	5.17	ug/L	95
69) 1,3,5-Trichlorobenzene	12.644	180	189685	5.33	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	156486	5.30	ug/L	99
71) Naphthalene	13.500	128	241412	5.22	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	139687	5.33	ug/L	99

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

