

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052521\
 Data File : VW021387.D
 Acq On : 25 May 2021 14:11
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005172

Quant Time: May 26 07:46:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 26 07:36:23 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	257113	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	233192	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	134845	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	53205	4.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.80%
7) Chloroethane-d5	1.564	69	51758	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.80%
11) 1,1-Dichloroethene-d2	2.105	63	106290	5.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.00%
20) 2-Butanone-d5	3.921	46	212736	54.40	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.80%
24) Chloroform-d	4.349	84	156062	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
26) 1,2-Dichloroethane-d4	5.034	65	71091	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.047	84	294021	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.80%
36) 1,2-Dichloropropane-d6	6.069	67	94038	5.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.40%
41) Toluene-d8	7.313	98	272137	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.80%
43) trans-1,3-Dichloroprop...	7.622	79	39057	5.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.20%
46) 2-Hexanone-d5	8.091	63	193746	54.33	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.66%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	76561	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.40%
66) 1,2-Dichlorobenzene-d4	11.625	152	120248	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	93874	5.44	ug/L	99
3) Chloromethane	1.236	50	79865	5.28	ug/L	99
5) Vinyl chloride	1.307	62	82680	5.26	ug/L	98
6) Bromomethane	1.519	94	55357	5.38	ug/L	99
8) Chloroethane	1.581	64	49444	5.22	ug/L	97
9) Trichlorofluoromethane	1.748	101	133767	5.52	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	72743	5.38	ug/L	97
12) 1,1-Dichloroethene	2.114	96	67920	5.32	ug/L	98
13) Acetone	2.220	43	106033	48.10	ug/L	96
14) Carbon disulfide	2.288	76	230745	5.38	ug/L	99
15) Methyl Acetate	2.445	43	33014	6.35	ug/L	99
16) Methylene chloride	2.503	84	110594	5.28	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	198669	5.39	ug/L	99
18) trans-1,2-Dichloroethene	2.754	96	86039	5.41	ug/L	98
19) 1,1-Dichloroethane	3.188	63	152039	5.41	ug/L	98
21) 2-Butanone	4.005	43	196598	52.35	ug/L #	71
22) cis-1,2-Dichloroethene	3.912	96	95425	5.51	ug/L	99
23) Bromochloromethane	4.249	128	42209	5.42	ug/L	95
25) Chloroform	4.375	83	155143	5.39	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	82386	5.29	ug/L	98
29) 1,1,1-Trichloroethane	4.606	97	145871	5.57	ug/L	99
30) Cyclohexane	4.674	56	139812	5.43	ug/L	99
31) Carbon tetrachloride	4.825	117	132633	5.59	ug/L	100
33) Benzene	5.098	78	338004	5.56	ug/L	100
34) Trichloroethene	5.912	95	91640	5.48	ug/L	99
35) Methylcyclohexane	6.127	83	154109	5.60	ug/L	98
37) 1,2-Dichloropropane	6.172	63	84927	5.62	ug/L	100
38) Bromodichloromethane	6.510	83	112452	5.46	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	134905	5.58	ug/L	96
40) 4-Methyl-2-pentanone	7.230	43	515852	55.84	ug/L	99
42) Toluene	7.387	91	375696	5.58	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	111719	5.63	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	61361	5.50	ug/L	97
47) Tetrachloroethene	7.976	164	84436	5.54	ug/L	98
48) 2-Hexanone	8.140	43	357640	56.95	ug/L	100
49) Dibromochloromethane	8.246	129	83265	5.49	ug/L	98
50) 1,2-Dibromoethane	8.352	107	59719	5.55	ug/L	100
51) Chlorobenzene	8.882	112	246478	5.55	ug/L	99
52) Ethylbenzene	9.011	91	424468	5.64	ug/L	99
53) m,p-xylene	9.136	106	161275	5.56	ug/L	100
54) o-xylene	9.542	106	159606	5.63	ug/L	100
55) Styrene	9.561	104	268515	5.62	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	73581	5.60	ug/L	98
59) Bromoform	9.731	173	54302	5.57	ug/L	98
60) Isopropylbenzene	9.931	105	437706	5.48	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	51270	5.35	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	370660	5.45	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	380780	5.48	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	217323	5.53	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	213031	5.43	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	198625	5.46	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	12854	5.48	ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	190897	5.40	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	162639	5.54	ug/L	100
71) Naphthalene	13.503	128	262368	5.71	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	145129	5.57	ug/L	99

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

