

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022221\
 Data File : VW020373.D
 Acq On : 22 Feb 2021 20:13
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00538

Quant Time: Feb 23 02:29:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVTR022221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Feb 23 02:26:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	298539	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	285629	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.255	152	151928	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	98095	4.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.20%
7) Chloroethane-d5	1.568	69	79044	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	2.111	63	184997	4.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.40%
20) 2-Butanone-d5	3.905	46	188334	51.72	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.44%
24) Chloroform-d	4.355	84	183120	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	5.037	65	87920	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	5.053	84	347165	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.072	67	104765	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.320	98	326026	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
45) trans-1,3-Dichloroprop...	7.625	79	38492	4.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.20%
48) 2-Hexanone-d5	8.095	63	145712	51.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.68%
59) 1,1,2,2-Tetrachloroeth...	10.223	84	74376	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.80%
65) 1,2-Dichlorobenzene-d4	11.631	152	127176	4.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.40%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	161637	4.35	ug/L	98
3) Chloromethane	1.243	50	160123	4.87	ug/L	95
5) Vinyl chloride	1.310	62	167215	4.78	ug/L	100
6) Bromomethane	1.523	94	107715	4.76	ug/L	99
8) Chloroethane	1.587	64	101764	4.82	ug/L	97
9) Trichlorofluoromethane	1.754	101	217360	4.43	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	110456	4.22	ug/L	98
12) 1,1-Dichloroethene	2.121	96	118157	4.65	ug/L	83
13) Acetone	2.198	43	158912	48.14	ug/L #	34
14) Carbon disulfide	2.297	76	344708	4.40	ug/L	97
15) Methyl Acetate	2.445	43	39551	4.94	ug/L #	87
16) Methylene chloride	2.510	84	131130	4.79	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	255443	4.87	ug/L	94
18) trans-1,2-Dichloroethene	2.764	96	126454	4.75	ug/L	96
19) 1,1-Dichloroethane	3.191	63	230751	4.92	ug/L	98
21) 2-Butanone	3.985	43	258422	51.33	ug/L	98
22) cis-1,2-Dichloroethene	3.918	96	134584	4.86	ug/L	97
23) Bromochloromethane	4.252	128	61756	5.12	ug/L	93
25) Chloroform	4.381	83	243294	4.91	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	142126	5.00	ug/L	98
29) 1,1,1-Trichloroethane	4.612	97	199653	4.68	ug/L	98
30) Cyclohexane	4.683	56	155390	4.06	ug/L	99
31) Carbon tetrachloride	4.834	117	164301	4.51	ug/L	100
33) Benzene	5.104	78	512194	4.95	ug/L	100
34) Trichloroethene	5.918	95	133897	4.61	ug/L	98
35) Methylcyclohexane	6.136	83	168875	4.02	ug/L	96
37) 1,2-Dichloropropane	6.178	63	123658	5.01	ug/L	98
38) Bromodichloromethane	6.513	83	155147	4.83	ug/L	97
39) cis-1,3-Dichloropropene	7.030	75	167952	4.85	ug/L	96
40) 4-Methyl-2-pentanone	7.230	43	624864	51.07	ug/L	96
42) Toluene	7.390	91	536293	4.78	ug/L	99
43) 1,3,5-Trimethylbenzene	10.545	105	446842	4.51	ug/L	100
44) 1,2,4-Trimethylbenzene	10.921	105	466224	4.61	ug/L	98
46) trans-1,3-Dichloropropene	7.657	75	137308	4.85	ug/L	98
47) 1,1,2-Trichloroethane	7.844	97	87833	4.93	ug/L	91
49) Tetrachloroethene	7.979	164	103161	4.29	ug/L	97
50) 2-Hexanone	8.143	43	446836	52.10	ug/L	93
51) Dibromochloromethane	8.252	129	101336	4.89	ug/L	96
52) 1,2-Dibromoethane	8.358	107	81574	5.05	ug/L	99
53) Chlorobenzene	8.886	112	350789	4.74	ug/L	98
54) Ethylbenzene	9.017	91	555653	4.52	ug/L	100
55) m,p-xylene	9.143	106	210576	4.55	ug/L	98
56) o-xylene	9.548	106	208205	4.68	ug/L	99
57) Styrene	9.564	104	368705	4.93	ug/L	94
58) Isopropylbenzene	9.937	105	535886	4.44	ug/L	99
60) 1,1,2,2-Tetrachloroethane	10.249	83	94091	4.97	ug/L	98
62) Bromoform	9.738	173	51958	4.86	ug/L	97
63) 1,3-Dichlorobenzene	11.188	146	279209	4.60	ug/L	99
64) 1,4-Dichlorobenzene	11.278	146	280125	4.55	ug/L	98
66) 1,2-Dichlorobenzene	11.651	146	261625	4.74	ug/L	99
67) 1,2-Dibromo-3-chloropr...	12.435	75	13935	5.15	ug/L	97
68) 1,3,5-Trichlorobenzene	12.654	180	224004	4.55	ug/L	98
69) 1,2,4-trichlorobenzene	13.271	180	183057	4.68	ug/L	98
70) Naphthalene	13.512	128	266634	4.89	ug/L	98
71) 1,2,3-Trichlorobenzene	13.754	180	163116	4.78	ug/L	96

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

