

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022221\
 Data File : VW020356.D
 Acq On : 22 Feb 2021 13:02
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00537

Quant Time: Feb 23 02:19:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVTR022221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Feb 22 12:20:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	326200	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	314631	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.256	152	169238	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	110903	4.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.60%
7) Chloroethane-d5	1.568	69	86084	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.40%
11) 1,1-Dichloroethene-d2	2.108	63	213765	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.60%
20) 2-Butanone-d5	3.896	46	195573	49.15	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.30%
24) Chloroform-d	4.352	84	198328	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.037	65	95298	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
32) Benzene-d6	5.053	84	388137	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
36) 1,2-Dichloropropane-d6	6.076	67	112575	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	7.320	98	379449	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
45) trans-1,3-Dichloroprop...	7.625	79	44310	4.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.40%
48) 2-Hexanone-d5	8.092	63	160207	51.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.50%
59) 1,1,2,2-Tetrachloroeth...	10.223	84	81335	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.20%
65) 1,2-Dichlorobenzene-d4	11.632	152	145609	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	201329	4.96	ug/L	99
3) Chloromethane	1.240	50	166978	4.65	ug/L	97
5) Vinyl chloride	1.311	62	182838	4.78	ug/L	99
6) Bromomethane	1.523	94	115951	4.69	ug/L	99
8) Chloroethane	1.584	64	109501	4.75	ug/L	95
9) Trichlorofluoromethane	1.751	101	258346	4.81	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	140503	4.92	ug/L	99
12) 1,1-Dichloroethene	2.118	96	131984	4.76	ug/L	86
13) Acetone	2.188	43	164263	45.54	ug/L #	31
14) Carbon disulfide	2.295	76	409999	4.79	ug/L	97
15) Methyl Acetate	2.439	43	40304	4.61	ug/L #	88
16) Methylene chloride	2.507	84	135631	4.54	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	274108	4.79	ug/L	95
18) trans-1,2-Dichloroethene	2.761	96	140789	4.84	ug/L	100
19) 1,1-Dichloroethane	3.192	63	245261	4.79	ug/L	98
21) 2-Butanone	3.979	43	258535	46.99	ug/L	96
22) cis-1,2-Dichloroethene	3.915	96	145710	4.82	ug/L	96
23) Bromochloromethane	4.253	128	62818	4.76	ug/L	90
25) Chloroform	4.381	83	255094	4.71	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.134	62	146139	4.71	ug/L	97
29) 1,1,1-Trichloroethane	4.613	97	226810	4.83	ug/L	99
30) Cyclohexane	4.680	56	213731	5.07	ug/L	99
31) Carbon tetrachloride	4.831	117	198804	4.95	ug/L	99
33) Benzene	5.101	78	548943	4.82	ug/L	100
34) Trichloroethene	5.918	95	151780	4.74	ug/L	99
35) Methylcyclohexane	6.134	83	233628	5.04	ug/L	97
37) 1,2-Dichloropropane	6.179	63	131614	4.84	ug/L	97
38) Bromodichloromethane	6.513	83	166570	4.71	ug/L	99
39) cis-1,3-Dichloropropene	7.031	75	186718	4.89	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	645709	47.91	ug/L	95
42) Toluene	7.391	91	606300	4.91	ug/L	100
43) 1,3,5-Trimethylbenzene	10.545	105	560695	5.13	ug/L	100
44) 1,2,4-Trimethylbenzene	10.921	105	581671	5.23	ug/L	99
46) trans-1,3-Dichloropropene	7.654	75	155315	4.98	ug/L	100
47) 1,1,2-Trichloroethane	7.844	97	92180	4.69	ug/L	91
49) Tetrachloroethene	7.979	164	129282	4.88	ug/L	97
50) 2-Hexanone	8.143	43	462600	48.96	ug/L	93
51) Dibromochloromethane	8.252	129	112231	4.92	ug/L	93
52) 1,2-Dibromoethane	8.359	107	86989	4.89	ug/L	100
53) Chlorobenzene	8.886	112	397880	4.88	ug/L	98
54) Ethylbenzene	9.018	91	675081	4.99	ug/L	100
55) m,p-xylene	9.143	106	256327	5.03	ug/L	99
56) o-xylene	9.548	106	243197	4.97	ug/L	99
57) Styrene	9.564	104	416795	5.06	ug/L	95
58) Isopropylbenzene	9.937	105	672408	5.06	ug/L	99
60) 1,1,2,2-Tetrachloroethane	10.249	83	98708	4.73	ug/L	96
62) Bromoform	9.738	173	56218	4.72	ug/L	100
63) 1,3-Dichlorobenzene	11.188	146	330998	4.90	ug/L	100
64) 1,4-Dichlorobenzene	11.278	146	330374	4.82	ug/L	99
66) 1,2-Dichlorobenzene	11.651	146	297292	4.84	ug/L	99
67) 1,2-Dibromo-3-chloropr...	12.436	75	14903	4.94	ug/L	95
68) 1,3,5-Trichlorobenzene	12.651	180	274330	5.00	ug/L	98
69) 1,2,4-trichlorobenzene	13.268	180	221298	5.08	ug/L	98
70) Naphthalene	13.513	128	322236	5.30	ug/L	98
71) 1,2,3-Trichlorobenzene	13.754	180	196349	5.17	ug/L	98

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

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