

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072021\
 Data File : VW021693.D
 Acq On : 20 Jul 2021 17:49
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050291

Quant Time: Jul 21 01:07:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 21 01:01:54 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	416476	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	382958	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	202729	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	135264	45.911	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.820%
7) Chloroethane-d5	1.542	69	40229	19.734	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	39.460%#
11) 1,1-Dichloroethene-d2	2.095	63	227003	46.237	ug/L	-0.01
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.480%
21) 2-Butanone-d5	3.876	46	223287	98.327	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.330%
24) Chloroform-d	4.346	84	266458	47.628	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.260%
26) 1,2-Dichloroethane-d4	5.027	65	162590	49.066	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.140%
32) Benzene-d6	5.047	84	536773	47.623	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.240%
36) 1,2-Dichloropropane-d6	6.069	67	169009	47.958	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.920%
41) Toluene-d8	7.317	98	501001	48.111	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.220%
43) trans-1,3-Dichloroprop...	7.622	79	81598	46.448	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.900%
47) 2-Hexanone-d5	8.092	63	169645	106.587	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.590%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	240666	51.700	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	207733	49.566	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.140%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	142213	47.253	ug/L	99
3) Chloromethane	1.237	50	138705	48.824	ug/L	99
5) Vinyl chloride	1.307	62	143763	48.574	ug/L	99
6) Bromomethane	1.503	94	44884	31.808	ug/L	97
8) Chloroethane	1.558	64	31090	18.521	ug/L	99
9) Trichlorofluoromethane	1.732	101	197620	47.468	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	112761	47.961	ug/L	99
12) 1,1-Dichloroethene	2.108	96	103862	47.339	ug/L	82
13) Acetone	2.163	43	124421	86.385	ug/L	99
14) Carbon disulfide	2.282	76	307740	46.454	ug/L	100
15) Methyl Acetate	2.423	43	154787	49.006	ug/L	99
16) Methylene chloride	2.500	84	146385	46.161	ug/L	98
17) trans-1,2-Dichloroethene	2.751	96	126331	48.268	ug/L	98
18) Methyl tert-butyl Ether	2.764	73	436365	49.156	ug/L	99
19) 1,1-Dichloroethane	3.182	63	240971	48.764	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	147990	48.862	ug/L	99
22) 2-Butanone	3.960	43	215276	97.955	ug/L	99
23) Bromochloromethane	4.243	128	77449	48.330	ug/L	98
25) Chloroform	4.372	83	249817	48.908	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	185233	50.525	ug/L	100
29) Cyclohexane	4.671	56	208402	49.191	ug/L	99
30) 1,1,1-Trichloroethane	4.603	97	217820	48.111	ug/L	100
31) Carbon tetrachloride	4.822	117	187862	48.180	ug/L	99
33) Benzene	5.095	78	535494	49.190	ug/L	100
34) Trichloroethene	5.912	95	142573	48.492	ug/L	97
35) Methylcyclohexane	6.130	83	215482	48.929	ug/L	99
37) 1,2-Dichloropropane	6.172	63	143875	50.426	ug/L	100
38) Bromodichloromethane	6.510	83	187198	48.711	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	228279	49.958	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	428013	102.576	ug/L	99
42) Toluene	7.387	91	578158	49.323	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	216242	49.947	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	142431	49.913	ug/L	99
46) Tetrachloroethene	7.976	164	111319	48.496	ug/L	99
48) 2-Hexanone	8.143	43	336754	104.794	ug/L	100
49) Dibromochloromethane	8.246	129	158592	49.181	ug/L	98
50) 1,2-Dibromoethane	8.352	107	151719	49.729	ug/L	97
51) Chlorobenzene	8.883	112	375877	48.886	ug/L	99
52) Ethylbenzene	9.014	91	619828	49.356	ug/L	99
53) m,p-Xylene	9.140	106	241902	49.574	ug/L	98
54) o-Xylene	9.545	106	239792	49.077	ug/L	99
55) Styrene	9.561	104	409936	49.783	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	233302	53.114	ug/L	99
59) Bromoform	9.731	173	117385	46.961	ug/L	98
60) Isopropylbenzene	9.934	105	628227	47.752	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	187105	49.760	ug/L	100
62) 1,3,5-Trimethylbenzene	10.542	105	533357	48.083	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	544224	48.568	ug/L	100
64) 1,3-Dichlorobenzene	11.182	146	302112	48.587	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	305490	49.082	ug/L	98
67) 1,2-Dichlorobenzene	11.645	146	318671	50.489	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	53791	51.716	ug/L	96
69) 1,3,5-Trichlorobenzene	12.648	180	228921	49.643	ug/L	98
70) 1,2,4-trichlorobenzene	13.265	180	196438	48.285	ug/L	99
71) Naphthalene	13.503	128	602941	47.958	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	194767	46.957	ug/L	100

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

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