

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072221\
 Data File : VW021695.D
 Acq On : 22 Jul 2021 10:17
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050292

Quant Time: Jul 23 01:14:52 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	5.613	114	454777	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	423307	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	225450	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	147125	45.731	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.460%
7) Chloroethane-d5	1.555	69	115649	51.953	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.900%
11) 1,1-Dichloroethene-d2	2.105	63	252025	47.010	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.020%
21) 2-Butanone-d5	3.867	46	238119	96.027	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.030%
24) Chloroform-d	4.346	84	292344	47.854	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.700%
26) 1,2-Dichloroethane-d4	5.027	65	174610	48.256	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.520%
32) Benzene-d6	5.047	84	592810	47.581	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.160%
36) 1,2-Dichloropropane-d6	6.069	67	184069	47.252	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.500%
41) Toluene-d8	7.313	98	550992	47.868	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.740%
43) trans-1,3-Dichloroprop...	7.619	79	93388	48.092	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.180%
47) 2-Hexanone-d5	8.085	63	170780	97.073	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.070%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	251699	48.916	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.840%
66) 1,2-Dichlorobenzene-d4	11.625	152	224324	48.130	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.260%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	163099	49.629	ug/L	99
3) Chloromethane	1.240	50	161198	51.963	ug/L	98
5) Vinyl chloride	1.307	62	158334	48.992	ug/L	100
6) Bromomethane	1.503	94	97390	63.205	ug/L	99
8) Chloroethane	1.574	64	95822	52.276	ug/L	98
9) Trichlorofluoromethane	1.748	101	222694	48.986	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	127635	49.715	ug/L	99
12) 1,1-Dichloroethene	2.114	96	114732	47.889	ug/L	87
13) Acetone	2.156	43	152696	97.088	ug/L	99
14) Carbon disulfide	2.288	76	345001	47.693	ug/L	100
15) Methyl Acetate	2.423	43	171101	49.608	ug/L	99
16) Methylene chloride	2.503	84	154042	44.484	ug/L	98
17) trans-1,2-Dichloroethene	2.754	96	140578	49.188	ug/L	98
18) Methyl tert-butyl Ether	2.764	73	477534	49.263	ug/L	99
19) 1,1-Dichloroethane	3.185	63	265663	49.233	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	163213	49.350	ug/L	98
22) 2-Butanone	3.950	43	242699	101.133	ug/L	100
23) Bromochloromethane	4.243	128	84188	48.111	ug/L	99
25) Chloroform	4.371	83	273641	49.060	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	195765	48.900	ug/L	98
29) Cyclohexane	4.674	56	229040	48.909	ug/L	99
30) 1,1,1-Trichloroethane	4.603	97	243356	48.628	ug/L	100
31) Carbon tetrachloride	4.825	117	210281	48.789	ug/L	99
33) Benzene	5.095	78	592121	49.207	ug/L	100
34) Trichloroethene	5.912	95	158924	48.901	ug/L	96
35) Methylcyclohexane	6.130	83	239180	49.134	ug/L	100
37) 1,2-Dichloropropane	6.172	63	151668	48.090	ug/L	100
38) Bromodichloromethane	6.510	83	209443	49.305	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	255231	50.532	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	450346	97.641	ug/L	100
42) Toluene	7.387	91	637415	49.195	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	240792	50.317	ug/L	98
45) 1,1,2-Trichloroethane	7.838	97	156771	49.702	ug/L	99
46) Tetrachloroethene	7.976	164	126173	49.728	ug/L	99
48) 2-Hexanone	8.137	43	341497	96.141	ug/L	99
49) Dibromochloromethane	8.246	129	176206	49.435	ug/L	97
50) 1,2-Dibromoethane	8.352	107	166838	49.472	ug/L	98
51) Chlorobenzene	8.882	112	419796	49.394	ug/L	99
52) Ethylbenzene	9.011	91	690701	49.757	ug/L	100
53) m,p-Xylene	9.136	106	269679	49.999	ug/L	99
54) o-Xylene	9.545	106	268765	49.763	ug/L	99
55) Styrene	9.561	104	461635	50.718	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	241851	49.812	ug/L	98
59) Bromoform	9.731	173	128572	46.252	ug/L	99
60) Isopropylbenzene	9.931	105	712524	48.701	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	199378	47.680	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	605058	49.049	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	617865	49.583	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	339215	49.056	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	338622	48.922	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	345337	49.200	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	54407	47.037	ug/L	97
69) 1,3,5-Trichlorobenzene	12.648	180	252265	49.192	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	218578	48.312	ug/L	99
71) Naphthalene	13.503	128	655525	46.886	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	216972	47.039	ug/L	100

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

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