

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW063021\
 Data File : VW021582.D
 Acq On : 30 Jun 2021 09:38
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050286

Quant Time: Jul 01 01:41:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 30 04:11:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	467304	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	443258	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	236644	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	138210	46.746	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.500%
7) Chloroethane-d5	1.558	69	113322	46.896	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.800%
11) 1,1-Dichloroethene-d2	2.104	63	255721	47.272	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.540%
21) 2-Butanone-d5	3.870	46	234940	93.042	ug/L	-0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.040%
24) Chloroform-d	4.346	84	296785	47.990	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.980%
26) 1,2-Dichloroethane-d4	5.030	65	176914	48.549	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.100%
32) Benzene-d6	5.046	84	589560	47.371	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.740%
36) 1,2-Dichloropropane-d6	6.069	67	186093	47.408	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.820%
41) Toluene-d8	7.316	98	543490	47.219	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.440%
43) trans-1,3-Dichloroprop...	7.622	79	90820	46.511	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.020%
47) 2-Hexanone-d5	8.085	63	168102	92.322	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.320%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	256646	48.527	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.060%
66) 1,2-Dichlorobenzene-d4	11.625	152	222682	47.200	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	197643	48.900	ug/L	100
3) Chloromethane	1.240	50	194794	50.061	ug/L	99
5) Vinyl chloride	1.307	62	185963	48.275	ug/L	99
6) Bromomethane	1.506	94	113588	50.599	ug/L	99
8) Chloroethane	1.577	64	106335	48.013	ug/L	98
9) Trichlorofluoromethane	1.748	101	245586	50.655	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	139075	50.074	ug/L	98
12) 1,1-Dichloroethene	2.114	96	129712	48.604	ug/L	95
13) Acetone	2.156	43	236032	113.067	ug/L #	100
14) Carbon disulfide	2.291	76	444305	47.221	ug/L	100
15) Methyl Acetate	2.423	43	177373	45.724	ug/L	100
16) Methylene chloride	2.503	84	168900	46.620	ug/L	100
17) trans-1,2-Dichloroethene	2.757	96	159320	48.933	ug/L	99
18) Methyl tert-butyl Ether	2.764	73	514825	48.821	ug/L	99
19) 1,1-Dichloroethane	3.188	63	288823	48.699	ug/L	100
20) cis-1,2-Dichloroethene	3.908	96	177544	49.039	ug/L	99
22) 2-Butanone	3.950	43	299269	103.804	ug/L	100
23) Bromochloromethane	4.246	128	92006	48.146	ug/L	98
25) Chloroform	4.374	83	292389	48.357	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	214739	48.828	ug/L	100
29) Cyclohexane	4.674	56	269192	48.095	ug/L	100
30) 1,1,1-Trichloroethane	4.606	97	265725	47.683	ug/L	99
31) Carbon tetrachloride	4.828	117	232617	47.397	ug/L	99
33) Benzene	5.098	78	652044	48.336	ug/L	100
34) Trichloroethene	5.911	95	172777	47.383	ug/L	99
35) Methylcyclohexane	6.130	83	281305	48.592	ug/L	100
37) 1,2-Dichloropropane	6.172	63	165382	47.167	ug/L	100
38) Bromodichloromethane	6.509	83	227957	48.107	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	278686	48.198	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	485261	94.279	ug/L	100
42) Toluene	7.387	91	698457	48.340	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	263073	48.720	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	166126	48.228	ug/L	99
46) Tetrachloroethene	7.976	164	137278	47.335	ug/L	99
48) 2-Hexanone	8.136	43	397925	97.810	ug/L	98
49) Dibromochloromethane	8.246	129	193524	48.784	ug/L	97
50) 1,2-Dibromoethane	8.352	107	179380	47.496	ug/L	98
51) Chlorobenzene	8.882	112	457195	48.623	ug/L	99
52) Ethylbenzene	9.014	91	764555	48.706	ug/L	99
53) m,p-Xylene	9.140	106	298403	49.535	ug/L	98
54) o-Xylene	9.545	106	296818	49.388	ug/L	99
55) Styrene	9.561	104	504494	49.678	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.242	83	262644	48.914	ug/L	98
59) Bromoform	9.731	173	143245	47.096	ug/L	100
60) Isopropylbenzene	9.931	105	776504	48.108	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	213437	46.657	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	666125	48.424	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	672553	48.312	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	368095	48.497	ug/L	100
65) 1,4-Dichlorobenzene	11.275	146	366390	48.296	ug/L	100
67) 1,2-Dichlorobenzene	11.644	146	364902	47.973	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	62113	45.801	ug/L	100
69) 1,3,5-Trichlorobenzene	12.647	180	272190	47.988	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	233768	47.923	ug/L	98
71) Naphthalene	13.503	128	719408	48.425	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	235354	48.849	ug/L	99

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

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