

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW091721\
 Data File : VW022218.D
 Acq On : 18 Sep 2021 04:43
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050339

Manual Integrations
 APPROVED

MMDadoda
 9/20/2021 12:19:28 PM

Quant Time: Sep 18 05:44:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 18 04:25:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	302951	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	289069	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	152033	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	84346	40.203	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.400%
7) Chloroethane-d5	1.565	69	74236	45.311	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.620%
11) 1,1-Dichloroethene-d2	2.105	63	176476	50.862	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.720%
21) 2-Butanone-d5	3.902	46	169694	117.939	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.940%
24) Chloroform-d	4.349	84	203019	53.071	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.140%
26) 1,2-Dichloroethane-d4	5.034	65	120590	53.518	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.040%
32) Benzene-d6	5.050	84	396580	50.581	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.160%
36) 1,2-Dichloropropane-d6	6.072	67	126321	51.230	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.460%
41) Toluene-d8	7.317	98	367822	49.697	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.400%
43) trans-1,3-Dichloroprop...	7.625	79	50887	43.360	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.720%
47) 2-Hexanone-d5	8.092	63	109713	115.964	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.960%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	172524	54.632	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.260%
66) 1,2-Dichlorobenzene-d4	11.625	152	147177	49.243	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	77435	37.185	ug/L	100
3) Chloromethane	1.237	50	85155	38.618	ug/L	97
5) Vinyl chloride	1.307	62	94708	42.613	ug/L	99
6) Bromomethane	1.520	94	60041	44.933	ug/L	98
8) Chloroethane	1.581	64	64646	46.496	ug/L	99
9) Trichlorofluoromethane	1.748	101	152885	48.305	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	93050	50.125	ug/L	98
12) 1,1-Dichloroethene	2.114	96	86988	49.779	ug/L	88
13) Acetone	2.198	43	120979m	100.351	ug/L	
14) Carbon disulfide	2.291	76	202141	38.336	ug/L	100
15) Methyl Acetate	2.439	43	129478	55.151	ug/L	99
16) Methylene chloride	2.503	84	117111	50.021	ug/L	96
17) trans-1,2-Dichloroethene	2.757	96	98475	46.607	ug/L	98
18) Methyl tert-butyl Ether	2.770	73	345236	51.419	ug/L	99
19) 1,1-Dichloroethane	3.188	63	197731	52.544	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	114627	48.744	ug/L	98
22) 2-Butanone	3.986	43	176884	104.382	ug/L	98
23) Bromochloromethane	4.249	128	63727	50.885	ug/L	99
25) Chloroform	4.378	83	208808	52.417	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	146471	54.852	ug/L	99
29) Cyclohexane	4.677	56	143976	44.555	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	174409	50.765	ug/L	99
31) Carbon tetrachloride	4.828	117	146381	49.592	ug/L	100
33) Benzene	5.101	78	431614	51.320	ug/L	100
34) Trichloroethene	5.915	95	116522	48.912	ug/L	99
35) Methylcyclohexane	6.130	83	152028	43.653	ug/L	99
37) 1,2-Dichloropropane	6.175	63	114139	52.355	ug/L	100
38) Bromodichloromethane	6.513	83	146415	52.517	ug/L	99
39) cis-1,3-Dichloropropene	7.031	75	154721	45.967	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	345349	116.848	ug/L	98
42) Toluene	7.391	91	466159	51.356	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	148390	47.369	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	119186	53.731	ug/L	99
46) Tetrachloroethene	7.979	164	84476	45.604	ug/L	98
48) 2-Hexanone	8.143	43	262511	114.474	ug/L	98
49) Dibromochloromethane	8.249	129	123203	51.888	ug/L	97
50) 1,2-Dibromoethane	8.355	107	124125	52.139	ug/L	98
51) Chlorobenzene	8.883	112	304201	49.845	ug/L	99
52) Ethylbenzene	9.014	91	484716	49.330	ug/L	99
53) m,p-Xylene	9.140	106	189523	49.623	ug/L	98
54) o-Xylene	9.545	106	190346	50.370	ug/L	99
55) Styrene	9.561	104	335000	51.946	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	176816	55.015	ug/L	99
59) Bromoform	9.735	173	85225	52.779	ug/L	99
60) Isopropylbenzene	9.934	105	494418	51.755	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	151322	57.429	ug/L	98
62) 1,3,5-Trimethylbenzene	10.542	105	403032	50.253	ug/L	99
63) 1,2,4-Trimethylbenzene	10.918	105	411644	50.497	ug/L	100
64) 1,3-Dichlorobenzene	11.185	146	234977	48.445	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	236150	47.580	ug/L	99
67) 1,2-Dichlorobenzene	11.645	146	244912	50.853	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	34004	53.546	ug/L	99
69) 1,3,5-Trichlorobenzene	12.648	180	162700	44.860	ug/L	99
70) 1,2,4-trichlorobenzene	13.265	180	137666	43.149	ug/L	99
71) Naphthalene	13.503	128	458393	49.947	ug/L	100
72) 1,2,3-Trichlorobenzene	13.747	180	150502	48.364	ug/L	99

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

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