

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW090221\
 Data File : VW022093.D
 Acq On : 02 Sep 2021 23:02
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050328

Manual Integrations
 APPROVED

MMDadoda
 9/7/2021 8:50:09 AM

Quant Time: Sep 03 01:05:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 03 00:59:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	368845	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	347220	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	177712	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	108449	42.457	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.920%
7) Chloroethane-d5	1.564	69	88534	44.384	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.760%
11) 1,1-Dichloroethene-d2	2.105	63	199705	47.275	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.540%
21) 2-Butanone-d5	3.896	46	194289	110.909	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.910%
24) Chloroform-d	4.349	84	223714	48.033	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.060%
26) 1,2-Dichloroethane-d4	5.034	65	135079	49.239	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.480%
32) Benzene-d6	5.050	84	452110	48.006	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.020%
36) 1,2-Dichloropropane-d6	6.072	67	141947	47.926	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.860%
41) Toluene-d8	7.317	98	415447	46.731	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.460%
43) trans-1,3-Dichloroprop...	7.625	79	64134	45.495	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.000%
47) 2-Hexanone-d5	8.091	63	133583	117.547	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.550%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	198501	52.331	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.660%
66) 1,2-Dichlorobenzene-d4	11.625	152	167357	47.904	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	100815	39.763	ug/L	99
3) Chloromethane	1.240	50	104760	39.021	ug/L	100
5) Vinyl chloride	1.307	62	112438	41.552	ug/L	99
6) Bromomethane	1.519	94	71611	44.017	ug/L	100
8) Chloroethane	1.584	64	72396	42.768	ug/L	98
9) Trichlorofluoromethane	1.751	101	165490	42.947	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	101990	45.125	ug/L	100
12) 1,1-Dichloroethene	2.114	96	96909	45.549	ug/L	96
13) Acetone	2.185	43	123532m	84.163	ug/L	
14) Carbon disulfide	2.291	76	259080	40.357	ug/L	99
15) Methyl Acetate	2.436	43	141499	49.504	ug/L	99
16) Methylene chloride	2.507	84	131699	46.202	ug/L	97
17) trans-1,2-Dichloroethene	2.757	96	113548	44.140	ug/L	98
18) Methyl tert-butyl Ether	2.770	73	388841	47.567	ug/L	100
19) 1,1-Dichloroethane	3.188	63	214180	46.747	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	128500	44.881	ug/L	94
22) 2-Butanone	3.979	43	195763	94.884	ug/L	99
23) Bromochloromethane	4.249	128	70617	46.313	ug/L	98
25) Chloroform	4.378	83	220877	45.541	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	157999	48.599	ug/L	100
29) Cyclohexane	4.677	56	175773	45.286	ug/L	98
30) 1,1,1-Trichloroethane	4.609	97	192637	46.681	ug/L	98
31) Carbon tetrachloride	4.828	117	162176	45.742	ug/L	100
33) Benzene	5.101	78	473444	46.866	ug/L	100
34) Trichloroethene	5.915	95	124044	43.349	ug/L	99
35) Methylcyclohexane	6.133	83	181077	43.286	ug/L	99
37) 1,2-Dichloropropane	6.175	63	124557	47.565	ug/L	100
38) Bromodichloromethane	6.513	83	157908	47.153	ug/L	98
39) cis-1,3-Dichloropropene	7.030	75	184820	45.714	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	368965	103.931	ug/L	99
42) Toluene	7.391	91	512709	47.024	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	175654	46.681	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	126340	47.417	ug/L	99
46) Tetrachloroethene	7.976	164	96807	43.509	ug/L	97
48) 2-Hexanone	8.143	43	285233	103.552	ug/L	99
49) Dibromochloromethane	8.249	129	134092	47.016	ug/L	99
50) 1,2-Dibromoethane	8.355	107	135600	47.420	ug/L	100
51) Chlorobenzene	8.882	112	331814	45.264	ug/L	99
52) Ethylbenzene	9.014	91	538155	45.596	ug/L	99
53) m,p-Xylene	9.140	106	206871	45.094	ug/L	99
54) o-Xylene	9.545	106	212162	46.741	ug/L	98
55) Styrene	9.561	104	360850	46.583	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.243	83	199128	51.581	ug/L	98
59) Bromoform	9.735	173	92938	49.239	ug/L	99
60) Isopropylbenzene	9.934	105	550696	49.316	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	160133	51.991	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	452512	48.269	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	461862	48.471	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	258604	45.612	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	257885	44.451	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	263143	46.743	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	40720	54.856	ug/L	98
69) 1,3,5-Trichlorobenzene	12.648	180	187242	44.167	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	160368	43.002	ug/L	100
71) Naphthalene	13.503	128	540116	50.347	ug/L	99
72) 1,2,3-Trichlorobenzene	13.747	180	169648	46.639	ug/L	100

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

