

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092121\
 Data File : VW022267.D
 Acq On : 21 Sep 2021 11:03
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050343

Manual Integrations
 APPROVED

MMDadoda
 9/22/2021 9:59:06 AM

Quant Time: Sep 22 01:08:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 21 06:08:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	330815	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	315667	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	167032	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	104946	45.809	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.620%
7) Chloroethane-d5	1.564	69	85027	47.526	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.060%
11) 1,1-Dichloroethene-d2	2.105	63	189124	49.917	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.840%
21) 2-Butanone-d5	3.896	46	155274	98.827	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.830%
24) Chloroform-d	4.346	84	198201	47.447	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.900%
26) 1,2-Dichloroethane-d4	5.031	65	116963	47.536	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.080%
32) Benzene-d6	5.047	84	392085	45.794	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.580%
36) 1,2-Dichloropropane-d6	6.066	67	122279	45.413	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.820%
41) Toluene-d8	7.313	98	355276	43.957	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.920%
43) trans-1,3-Dichloroprop...	7.622	79	56491	44.079	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.160%
47) 2-Hexanone-d5	8.088	63	102309	99.026	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.030%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	161978	46.971	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.940%
66) 1,2-Dichlorobenzene-d4	11.625	152	141156	42.987	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.980%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	86832	38.185	ug/L	99
3) Chloromethane	1.240	50	94139	39.096	ug/L	99
5) Vinyl chloride	1.310	62	100647	41.471	ug/L	98
6) Bromomethane	1.519	94	68086	46.662	ug/L	100
8) Chloroethane	1.584	64	68632	45.205	ug/L	99
9) Trichlorofluoromethane	1.751	101	166598	48.204	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	105748	52.167	ug/L	99
12) 1,1-Dichloroethene	2.114	96	92522	48.487	ug/L	91
13) Acetone	2.188	43	152662m	115.966	ug/L	
14) Carbon disulfide	2.291	76	216550	37.610	ug/L	100
15) Methyl Acetate	2.436	43	133186	51.952	ug/L	97
16) Methylene chloride	2.503	84	126097	49.322	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	104269	45.193	ug/L	96
18) Methyl tert-butyl Ether	2.767	73	372394	50.792	ug/L	98
19) 1,1-Dichloroethane	3.185	63	208009	50.620	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	123481	48.086	ug/L	97
22) 2-Butanone	3.976	43	193013	104.306	ug/L	99
23) Bromochloromethane	4.243	128	66871	48.898	ug/L	98
25) Chloroform	4.371	83	220269	50.637	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	154902	53.123	ug/L	100
29) Cyclohexane	4.674	56	156219	44.271	ug/L	98
30) 1,1,1-Trichloroethane	4.603	97	182201	48.565	ug/L	98
31) Carbon tetrachloride	4.825	117	152455	47.298	ug/L	98
33) Benzene	5.095	78	449903	48.987	ug/L	100
34) Trichloroethene	5.912	95	120170	46.193	ug/L	99
35) Methylcyclohexane	6.127	83	167781	44.117	ug/L	98
37) 1,2-Dichloropropane	6.172	63	123754	51.983	ug/L	100
38) Bromodichloromethane	6.506	83	156427	51.380	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	183214	49.846	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	345064	106.914	ug/L	98
42) Toluene	7.387	91	483143	48.742	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	176710	51.656	ug/L	100
45) 1,1,2-Trichloroethane	7.837	97	126072	52.046	ug/L	98
46) Tetrachloroethene	7.976	164	92921	45.936	ug/L	98
48) 2-Hexanone	8.140	43	265471	106.011	ug/L	97
49) Dibromochloromethane	8.246	129	132076	50.938	ug/L	100
50) 1,2-Dibromoethane	8.352	107	131723	50.668	ug/L	99
51) Chlorobenzene	8.879	112	319105	47.882	ug/L	98
52) Ethylbenzene	9.011	91	515906	48.080	ug/L	100
53) m,p-Xylene	9.136	106	201927	48.416	ug/L	98
54) o-Xylene	9.542	106	200736	48.644	ug/L	98
55) Styrene	9.561	104	356224	50.582	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	187191	53.336	ug/L	99
59) Bromoform	9.731	173	88881	50.101	ug/L	100
60) Isopropylbenzene	9.931	105	524548	49.978	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	153551	53.042	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	434988	49.367	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	448852	50.117	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	259307	48.661	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	257295	47.185	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	263831	49.862	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	34965	50.115	ug/L	95
69) 1,3,5-Trichlorobenzene	12.648	180	186427	46.786	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	155589	44.388	ug/L	99
71) Naphthalene	13.503	128	492520	48.846	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	164190	48.024	ug/L	100

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

