

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092021\
 Data File : VV022220.D
 Acq On : 20 Sep 2021 10:08
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050340

Manual Integrations
 APPROVED

MMDadoda
 9/21/2021 1:50:42 PM

Quant Time: Sep 21 04:35:32 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	5.616	114	326557	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	317348	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	165892	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	115103	50.898	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.800%
7) Chloroethane-d5	1.565	69	90784	51.406	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.820%
11) 1,1-Dichloroethene-d2	2.105	63	205497	54.945	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	109.900%
21) 2-Butanone-d5	3.899	46	160977	103.793	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.790%
24) Chloroform-d	4.346	84	216227	52.437	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.880%
26) 1,2-Dichloroethane-d4	5.031	65	128039	52.716	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.440%
32) Benzene-d6	5.047	84	428321	49.761	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.520%
36) 1,2-Dichloropropane-d6	6.069	67	135751	50.149	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.300%
41) Toluene-d8	7.317	98	399804	49.205	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.400%
43) trans-1,3-Dichloroprop...	7.622	79	62795	48.739	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.480%
47) 2-Hexanone-d5	8.092	63	108022	104.002	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.000%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	173674	50.095	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	152946	46.898	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.800%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	81463	36.291	ug/L	99
3) Chloromethane	1.240	50	86768	36.505	ug/L	99
5) Vinyl chloride	1.307	62	95321	39.788	ug/L	99
6) Bromomethane	1.520	94	63598	44.154	ug/L	96
8) Chloroethane	1.584	64	64735	43.194	ug/L	99
9) Trichlorofluoromethane	1.751	101	156270	45.805	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	100156	50.052	ug/L	99
12) 1,1-Dichloroethene	2.114	96	88082	46.762	ug/L	96
13) Acetone	2.198	43	165010m	126.980	ug/L	
14) Carbon disulfide	2.291	76	212136	37.323	ug/L	100
15) Methyl Acetate	2.436	43	122236	48.302	ug/L	99
16) Methylene chloride	2.503	84	115586	45.800	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	97822	42.951	ug/L	97
18) Methyl tert-butyl Ether	2.767	73	350309	48.403	ug/L	99
19) 1,1-Dichloroethane	3.188	63	196428	48.425	ug/L	100
20) cis-1,2-Dichloroethene	3.912	96	115260	45.470	ug/L	98
22) 2-Butanone	3.982	43	192949	105.631	ug/L	97
23) Bromochloromethane	4.246	128	63158	46.785	ug/L	96
25) Chloroform	4.372	83	204882	47.714	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	146920	51.043	ug/L	99
29) Cyclohexane	4.674	56	146886	41.405	ug/L	99
30) 1,1,1-Trichloroethane	4.606	97	175750	46.597	ug/L	99
31) Carbon tetrachloride	4.825	117	148586	45.853	ug/L	99
33) Benzene	5.098	78	426108	46.151	ug/L	100
34) Trichloroethene	5.912	95	115221	44.056	ug/L	98
35) Methylcyclohexane	6.130	83	160517	41.983	ug/L	98
37) 1,2-Dichloropropane	6.172	63	114248	47.735	ug/L	99
38) Bromodichloromethane	6.510	83	150690	49.234	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	169186	45.786	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	323751	99.779	ug/L	98
42) Toluene	7.387	91	462832	46.445	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	169273	49.220	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	118596	48.700	ug/L	99
46) Tetrachloroethene	7.976	164	89301	43.913	ug/L	96
48) 2-Hexanone	8.140	43	261380	103.824	ug/L	98
49) Dibromochloromethane	8.246	129	127574	48.941	ug/L	99
50) 1,2-Dibromoethane	8.352	107	123220	47.146	ug/L	99
51) Chlorobenzene	8.883	112	307074	45.832	ug/L	99
52) Ethylbenzene	9.014	91	486171	45.069	ug/L	98
53) m,p-Xylene	9.140	106	192228	45.846	ug/L	97
54) o-Xylene	9.545	106	190469	45.912	ug/L	97
55) Styrene	9.561	104	335003	47.317	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	176308	49.969	ug/L	100
59) Bromoform	9.731	173	89734	50.929	ug/L	99
60) Isopropylbenzene	9.931	105	499264	47.896	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	144792	50.360	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	409896	46.839	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	424184	47.688	ug/L	99
64) 1,3-Dichlorobenzene	11.182	146	242736	45.864	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	246117	45.445	ug/L	99
67) 1,2-Dichlorobenzene	11.645	146	249426	47.464	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	34342	49.560	ug/L	99
69) 1,3,5-Trichlorobenzene	12.648	180	178227	45.036	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	149366	42.905	ug/L	100
71) Naphthalene	13.503	128	461631	46.097	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	157855	46.489	ug/L	99

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

