

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090121\
 Data File : VV022056.D
 Acq On : 01 Sep 2021 09:45
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050325

Manual Integrations
 APPROVED

MMDadoda
 9/2/2021 3:05:25 PM

Quant Time: Sep 02 05:10:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 01 02:41:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	358923	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	344905	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	191240	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	133242	53.606	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	107.220%	
7) Chloroethane-d5	1.561	69	105226	54.211	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	108.420%	
11) 1,1-Dichloroethene-d2	2.108	63	225720	54.910	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	109.820%	
21) 2-Butanone-d5	3.873	46	179672	105.401	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	105.400%	
24) Chloroform-d	4.349	84	235158	51.886	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	103.780%	
26) 1,2-Dichloroethane-d4	5.031	65	139192	52.140	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	104.280%	
32) Benzene-d6	5.050	84	482961	51.626	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	103.260%	
36) 1,2-Dichloropropane-d6	6.069	67	149107	50.682	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	101.360%	
41) Toluene-d8	7.317	98	456583	51.703	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	103.400%	
43) trans-1,3-Dichloroprop...	7.622	79	70530	50.368	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	100.740%	
47) 2-Hexanone-d5	8.088	63	121982	108.059	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	108.060%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	204083	54.163	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	108.320%	
66) 1,2-Dichlorobenzene-d4	11.625	152	183028	48.683	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	97.360%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	113197	45.881	ug/L	100
3) Chloromethane	1.240	50	118130	45.218	ug/L	100
5) Vinyl chloride	1.311	62	120466	45.750	ug/L	99
6) Bromomethane	1.513	94	78486	49.577	ug/L	97
8) Chloroethane	1.581	64	78933	47.919	ug/L	99
9) Trichlorofluoromethane	1.751	101	187118	49.902	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	112318	51.069	ug/L	99
12) 1,1-Dichloroethene	2.118	96	101709	49.127	ug/L	87
13) Acetone	2.159	43	146964m	102.895	ug/L	
14) Carbon disulfide	2.291	76	283812	45.431	ug/L	100
15) Methyl Acetate	2.426	43	138550	49.812	ug/L	100
16) Methylene chloride	2.503	84	134157	48.365	ug/L	100
17) trans-1,2-Dichloroethene	2.757	96	121124	48.387	ug/L	98
18) Methyl tert-butyl Ether	2.767	73	374444	47.072	ug/L	99
19) 1,1-Dichloroethane	3.188	63	216175	48.487	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	132851	47.683	ug/L	99
22) 2-Butanone	3.957	43	200697	99.965	ug/L	98
23) Bromochloromethane	4.246	128	71954	48.494	ug/L	98
25) Chloroform	4.375	83	232669	49.299	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	156436	49.448	ug/L	99
29) Cyclohexane	4.677	56	177903	46.142	ug/L	98
30) 1,1,1-Trichloroethane	4.609	97	194078	47.345	ug/L	100
31) Carbon tetrachloride	4.828	117	167573	47.581	ug/L	99
33) Benzene	5.098	78	486968	48.528	ug/L	100
34) Trichloroethene	5.915	95	134030	47.153	ug/L	98
35) Methylcyclohexane	6.134	83	192495	46.325	ug/L	99
37) 1,2-Dichloropropane	6.175	63	125841	48.378	ug/L	99
38) Bromodichloromethane	6.510	83	159265	47.878	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	192178	47.853	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	356754	101.165	ug/L	100
42) Toluene	7.388	91	530718	49.003	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	183942	49.212	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	129184	48.810	ug/L	99
46) Tetrachloroethene	7.976	164	105786	47.863	ug/L	98
48) 2-Hexanone	8.140	43	274528	100.334	ug/L	99
49) Dibromochloromethane	8.246	129	137721	48.612	ug/L	98
50) 1,2-Dibromoethane	8.355	107	139788	49.212	ug/L	99
51) Chlorobenzene	8.883	112	350664	48.157	ug/L	100
52) Ethylbenzene	9.014	91	568255	48.469	ug/L	100
53) m,p-Xylene	9.140	106	220110	48.302	ug/L	100
54) o-Xylene	9.545	106	216028	47.912	ug/L	97
55) Styrene	9.561	104	383211	49.802	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	197428	51.484	ug/L	99
59) Bromoform	9.735	173	93419	45.993	ug/L	98
60) Isopropylbenzene	9.934	105	573974	47.765	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	162560	49.046	ug/L	100
62) 1,3,5-Trimethylbenzene	10.542	105	482473	47.825	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	495183	48.291	ug/L	99
64) 1,3-Dichlorobenzene	11.182	146	290419	47.600	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	295404	47.316	ug/L	98
67) 1,2-Dichlorobenzene	11.645	146	292370	48.261	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	39133	48.989	ug/L	97
69) 1,3,5-Trichlorobenzene	12.648	180	215052	47.138	ug/L	100
70) 1,2,4-trichlorobenzene	13.265	180	185874	46.315	ug/L	100
71) Naphthalene	13.503	128	543930	47.116	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	185729	47.448	ug/L	100

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

