

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071421\
 Data File : VV021647.D
 Acq On : 14 Jul 2021 10:02
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050286

Quant Time: Jul 15 01:50:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 14 03:32:27 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	469342	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	442271	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	240427	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	145023	48.837	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.680%
7) Chloroethane-d5	1.558	69	112135	46.203	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.105	63	253385	46.637	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.280%
21) 2-Butanone-d5	3.867	46	229805	90.613	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.610%
24) Chloroform-d	4.346	84	291012	46.852	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.700%
26) 1,2-Dichloroethane-d4	5.031	65	173032	47.277	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.560%
32) Benzene-d6	5.047	84	586286	47.213	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.420%
36) 1,2-Dichloropropane-d6	6.069	67	184302	47.056	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.120%
41) Toluene-d8	7.317	98	549142	47.816	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.640%
43) trans-1,3-Dichloroprop...	7.622	79	94201	48.350	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.700%
47) 2-Hexanone-d5	8.085	63	171275	94.274	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.270%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	253597	48.057	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.120%
66) 1,2-Dichlorobenzene-d4	11.625	152	229103	47.797	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	178990	44.093	ug/L	99
3) Chloromethane	1.240	50	173775	44.465	ug/L	98
5) Vinyl chloride	1.307	62	171880	44.425	ug/L	99
6) Bromomethane	1.507	94	106893	47.410	ug/L	100
8) Chloroethane	1.574	64	103091	46.346	ug/L	100
9) Trichlorofluoromethane	1.748	101	238707	49.023	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	136295	48.860	ug/L	98
12) 1,1-Dichloroethene	2.114	96	125467	46.809	ug/L	97
13) Acetone	2.156	43	195558	93.272	ug/L	# 100
14) Carbon disulfide	2.291	76	404896	42.846	ug/L	100
15) Methyl Acetate	2.423	43	169622	43.536	ug/L	99
16) Methylene chloride	2.503	84	162684	44.710	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	151127	46.215	ug/L	98
18) Methyl tert-butyl Ether	2.764	73	492204	46.473	ug/L	99
19) 1,1-Dichloroethane	3.185	63	279403	46.906	ug/L	99
20) cis-1,2-Dichloroethene	3.909	96	168498	46.338	ug/L	100
22) 2-Butanone	3.950	43	271956	93.921	ug/L	97
23) Bromochloromethane	4.246	128	91308	47.573	ug/L	96
25) Chloroform	4.372	83	283727	46.721	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	204384	46.272	ug/L	100
29) Cyclohexane	4.674	56	252876	45.281	ug/L	99
30) 1,1,1-Trichloroethane	4.606	97	255423	45.937	ug/L	99
31) Carbon tetrachloride	4.825	117	225665	46.083	ug/L	99
33) Benzene	5.098	78	626140	46.520	ug/L	100
34) Trichloroethene	5.912	95	165762	45.561	ug/L	98
35) Methylcyclohexane	6.130	83	268808	46.537	ug/L	99
37) 1,2-Dichloropropane	6.172	63	158244	45.232	ug/L	99
38) Bromodichloromethane	6.510	83	217522	46.007	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	266413	46.178	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	451647	87.945	ug/L	99
42) Toluene	7.387	91	680907	47.230	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	248853	46.190	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	161335	46.942	ug/L	98
46) Tetrachloroethene	7.976	164	137030	47.355	ug/L	98
48) 2-Hexanone	8.137	43	361359	89.020	ug/L	99
49) Dibromochloromethane	8.246	129	185271	46.808	ug/L	98
50) 1,2-Dibromoethane	8.352	107	172735	45.838	ug/L	100
51) Chlorobenzene	8.883	112	443743	47.298	ug/L	99
52) Ethylbenzene	9.014	91	732580	46.773	ug/L	100
53) m,p-Xylene	9.140	106	285578	47.512	ug/L	99
54) o-Xylene	9.545	106	286562	47.788	ug/L	97
55) Styrene	9.561	104	485156	47.880	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	251674	46.975	ug/L	100
59) Bromoform	9.731	173	140491	45.464	ug/L	99
60) Isopropylbenzene	9.931	105	745766	45.477	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	202093	43.482	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	642783	45.992	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	650179	45.969	ug/L	100
64) 1,3-Dichlorobenzene	11.182	146	360898	46.801	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	359225	46.607	ug/L	98
67) 1,2-Dichlorobenzene	11.645	146	360010	46.585	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	57781	41.936	ug/L	97
69) 1,3,5-Trichlorobenzene	12.648	180	271538	47.120	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	235073	47.432	ug/L	99
71) Naphthalene	13.503	128	673224	44.603	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	233827	47.769	ug/L	99

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

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