

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081721\
 Data File : VV021850.D
 Acq On : 18 Aug 2021 05:47
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050306

Quant Time: Aug 18 06:05:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 18 03:33:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	423579	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	394403	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	206185	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	161130	48.659	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.320%
7) Chloroethane-d5	1.558	69	121576	48.652	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.300%
11) 1,1-Dichloroethene-d2	2.105	63	231642	43.946	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.900%
21) 2-Butanone-d5	3.873	46	226415	109.938	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.940%
24) Chloroform-d	4.349	84	288388	50.267	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.540%
26) 1,2-Dichloroethane-d4	5.030	65	169712	51.427	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.860%
32) Benzene-d6	5.050	84	587838	51.830	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.660%
36) 1,2-Dichloropropane-d6	6.072	67	182415	51.648	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.300%
41) Toluene-d8	7.317	98	539215	51.438	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.880%
43) trans-1,3-Dichloroprop...	7.622	79	80937	46.564	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.120%
47) 2-Hexanone-d5	8.088	63	139973	120.919	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	120.920%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	248596	56.799	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	113.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	216654	50.774	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.540%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	151397	46.200	ug/L	100
3) Chloromethane	1.240	50	163695	48.100	ug/L	100
5) Vinyl chloride	1.307	62	161447	48.177	ug/L	100
6) Bromomethane	1.510	94	101209	50.247	ug/L	97
8) Chloroethane	1.577	64	98565	49.220	ug/L	99
9) Trichlorofluoromethane	1.748	101	224553	48.906	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	112682	42.865	ug/L	98
12) 1,1-Dichloroethene	2.114	96	111837	44.665	ug/L	97
13) Acetone	2.159	43	118209	69.757	ug/L #	100
14) Carbon disulfide	2.291	76	412131	48.919	ug/L	100
15) Methyl Acetate	2.426	43	175186	56.273	ug/L	99
16) Methylene chloride	2.503	84	166201	47.720	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	151311	51.499	ug/L	100
18) Methyl tert-butyl Ether	2.767	73	469157	51.920	ug/L	100
19) 1,1-Dichloroethane	3.188	63	270034	51.630	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	167042	49.097	ug/L	99
22) 2-Butanone	3.957	43	235395	95.383	ug/L	100
23) Bromochloromethane	4.249	128	87938	48.717	ug/L	97
25) Chloroform	4.375	83	272076	48.346	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	193363	48.766	ug/L	100
29) Cyclohexane	4.677	56	235540	48.491	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	240641	48.760	ug/L	99
31) Carbon tetrachloride	4.828	117	206025	48.245	ug/L	100
33) Benzene	5.101	78	607406	50.046	ug/L	100
34) Trichloroethene	5.915	95	161080	46.184	ug/L	98
35) Methylcyclohexane	6.133	83	235985	46.377	ug/L	100
37) 1,2-Dichloropropane	6.175	63	154794	50.369	ug/L	100
38) Bromodichloromethane	6.513	83	201242	49.683	ug/L	98
39) cis-1,3-Dichloropropene	7.030	75	229455	47.151	ug/L	100
40) 4-Methyl-2-pentanone	7.226	43	446983	105.734	ug/L	99
42) Toluene	7.390	91	646460	49.871	ug/L	97
44) trans-1,3-Dichloropropene	7.654	75	211926	46.211	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	156128	50.714	ug/L	98
46) Tetrachloroethene	7.979	164	123940	47.816	ug/L	100
48) 2-Hexanone	8.140	43	339319	103.622	ug/L	98
49) Dibromochloromethane	8.249	129	169900	49.984	ug/L	98
50) 1,2-Dibromoethane	8.355	107	169640	50.635	ug/L	100
51) Chlorobenzene	8.882	112	418103	49.401	ug/L	99
52) Ethylbenzene	9.014	91	691475	50.001	ug/L	100
53) m,p-Xylene	9.140	106	267674	49.942	ug/L	100
54) o-Xylene	9.545	106	267675	50.384	ug/L	99
55) Styrene	9.561	104	405622	45.593	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.242	83	241193	56.277	ug/L	99
59) Bromoform	9.734	173	119924	48.928	ug/L	99
60) Isopropylbenzene	9.934	105	696281	50.370	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	196454	51.558	ug/L	99
62) 1,3,5-Trimethylbenzene	10.541	105	579004	49.914	ug/L	99
63) 1,2,4-Trimethylbenzene	10.918	105	593376	50.309	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	330490	49.370	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	331687	49.639	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	335699	49.711	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	50401	54.405	ug/L	98
69) 1,3,5-Trichlorobenzene	12.648	180	232851	47.987	ug/L	99
70) 1,2,4-trichlorobenzene	13.265	180	201536	49.522	ug/L	99
71) Naphthalene	13.503	128	683291	57.801	ug/L	99
72) 1,2,3-Trichlorobenzene	13.747	180	211242	51.670	ug/L	99

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

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