

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072221\
 Data File : VV021701.D
 Acq On : 22 Jul 2021 16:34
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050293

Quant Time: Jul 23 01:18:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 23 01:17:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	480838	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	455241	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	240960	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	146519	43.074	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.140%
7) Chloroethane-d5	1.558	69	119218	50.654	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.300%
11) 1,1-Dichloroethene-d2	2.105	63	252537	44.553	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.100%
21) 2-Butanone-d5	3.873	46	253026	96.508	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.510%
24) Chloroform-d	4.349	84	299646	46.391	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.780%
26) 1,2-Dichloroethane-d4	5.034	65	179396	46.891	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.780%
32) Benzene-d6	5.050	84	606800	45.288	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.580%
36) 1,2-Dichloropropane-d6	6.072	67	191319	45.668	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.340%
41) Toluene-d8	7.317	98	560853	45.307	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.620%
43) trans-1,3-Dichloroprop...	7.622	79	93958	44.991	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.980%
47) 2-Hexanone-d5	8.088	63	180026	95.150	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.150%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	262643	47.462	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.920%
66) 1,2-Dichlorobenzene-d4	11.625	152	227651	45.700	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	156115	44.929	ug/L	100
3) Chloromethane	1.243	50	160823	49.032	ug/L	98
5) Vinyl chloride	1.311	62	156262	45.730	ug/L	99
6) Bromomethane	1.507	94	97345	59.752	ug/L	100
8) Chloroethane	1.577	64	96725	49.908	ug/L	99
9) Trichlorofluoromethane	1.748	101	219129	45.589	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	124680	45.932	ug/L	99
12) 1,1-Dichloroethene	2.114	96	115388	45.553	ug/L	97
13) Acetone	2.159	43	172172	103.538	ug/L	98
14) Carbon disulfide	2.291	76	338197	44.218	ug/L	100
15) Methyl Acetate	2.426	43	172949	47.426	ug/L	99
16) Methylene chloride	2.503	84	161981	44.242	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	141378	46.787	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	485154	47.337	ug/L	99
19) 1,1-Dichloroethane	3.191	63	271141	47.525	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	163461	46.746	ug/L	99
22) 2-Butanone	3.957	43	261700	103.140	ug/L	100
23) Bromochloromethane	4.249	128	86362	46.678	ug/L	98
25) Chloroform	4.378	83	276926	46.958	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	203058	47.973	ug/L	100
29) Cyclohexane	4.680	56	223678	44.414	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	242398	45.039	ug/L	100
31) Carbon tetrachloride	4.831	117	206759	44.607	ug/L	99
33) Benzene	5.101	78	596355	46.082	ug/L	100
34) Trichloroethene	5.915	95	159545	45.649	ug/L	96
35) Methylcyclohexane	6.133	83	236999	45.271	ug/L	98
37) 1,2-Dichloropropane	6.175	63	154711	45.614	ug/L	100
38) Bromodichloromethane	6.513	83	207365	45.392	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	255036	46.952	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	464587	93.662	ug/L	99
42) Toluene	7.391	91	644763	46.271	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	241038	46.835	ug/L	96
45) 1,1,2-Trichloroethane	7.841	97	158636	46.765	ug/L	98
46) Tetrachloroethene	7.976	164	123894	45.405	ug/L	99
48) 2-Hexanone	8.140	43	355710	93.117	ug/L	99
49) Dibromochloromethane	8.249	129	177880	46.404	ug/L	99
50) 1,2-Dibromoethane	8.352	107	169206	46.655	ug/L	99
51) Chlorobenzene	8.883	112	419977	45.949	ug/L	100
52) Ethylbenzene	9.014	91	701418	46.984	ug/L	100
53) m,p-Xylene	9.140	106	269300	46.426	ug/L	98
54) o-Xylene	9.545	106	271892	46.811	ug/L	100
55) Styrene	9.561	104	467013	47.709	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	247429	47.386	ug/L	99
59) Bromoform	9.731	173	129533	43.599	ug/L	99
60) Isopropylbenzene	9.934	105	710973	45.467	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	204874	45.841	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	605475	45.924	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	617027	46.328	ug/L	99
64) 1,3-Dichlorobenzene	11.182	146	342516	46.345	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	345548	46.709	ug/L	98
67) 1,2-Dichlorobenzene	11.645	146	350961	46.783	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	55448	44.851	ug/L	98
69) 1,3,5-Trichlorobenzene	12.648	180	252951	46.151	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	221188	45.742	ug/L	99
71) Naphthalene	13.503	128	662952	44.365	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	219072	44.437	ug/L	100

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

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