

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042721\
 Data File : VV021188.D
 Acq On : 27 Apr 2021 20:59
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050183

Quant Time: Apr 28 03:33:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 28 03:28:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	678492	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	676088	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	391609	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	233341	41.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.70%
7) Chloroethane-d5	1.571	69	177842	43.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.72%
11) 1,1-Dichloroethene-d2	2.111	63	459002	44.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.28%
21) 2-Butanone-d5	3.905	46	272073	99.94	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.94%
24) Chloroform-d	4.352	84	460701	46.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.70%
26) 1,2-Dichloroethane-d4	5.037	65	302814	47.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.86%
32) Benzene-d6	5.053	84	822035	45.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.30%
36) 1,2-Dichloropropane-d6	6.072	67	240619	44.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.54%
41) Toluene-d8	7.320	98	816683	46.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.72%
43) trans-1,3-Dichloroprop...	7.625	79	137667	46.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.74%
47) 2-Hexanone-d5	8.091	63	217160	101.87	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.87%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	369877	45.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.26%
66) 1,2-Dichlorobenzene-d4	11.632	152	362920	46.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.82%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	309515	45.18	ug/L	100
3) Chloromethane	1.243	50	259513	44.01	ug/L	99
5) Vinyl chloride	1.314	62	274155	45.42	ug/L	99
6) Bromomethane	1.526	94	188821	46.43	ug/L	99
8) Chloroethane	1.587	64	167809	47.12	ug/L	97
9) Trichlorofluoromethane	1.754	101	528218	49.11	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	254341	47.67	ug/L	98
12) 1,1-Dichloroethene	2.121	96	236324	48.79	ug/L	86
13) Acetone	2.201	43	219962	86.50	ug/L	65
14) Carbon disulfide	2.294	76	617927	46.51	ug/L	100
15) Methyl Acetate	2.442	43	217421	51.70	ug/L	98
16) Methylene chloride	2.510	84	247769	49.05	ug/L	99
17) trans-1,2-Dichloroethene	2.764	96	231041	49.64	ug/L	97
18) Methyl tert-butyl Ether	2.770	73	746314	52.24	ug/L	99
19) 1,1-Dichloroethane	3.195	63	422211	50.27	ug/L	99
20) cis-1,2-Dichloroethene	3.915	96	250474	50.43	ug/L	97
22) 2-Butanone	3.986	43	306355	104.02	ug/L #	70
23) Bromochloromethane	4.252	128	144611	50.52	ug/L	99
25) Chloroform	4.381	83	491753	52.02	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	388182	51.58	ug/L	97
29) Cyclohexane	4.680	56	335337	48.74	ug/L	98
30) 1,1,1-Trichloroethane	4.613	97	475005	52.45	ug/L	99
31) Carbon tetrachloride	4.831	117	420856	50.31	ug/L	96
33) Benzene	5.104	78	951146	50.47	ug/L	100
34) Trichloroethene	5.918	95	266657	51.12	ug/L	97
35) Methylcyclohexane	6.137	83	377902	48.21	ug/L	100
37) 1,2-Dichloropropane	6.178	63	228473	49.35	ug/L #	96
38) Bromodichloromethane	6.513	83	366954	50.87	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	380248	50.36	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	608975	108.83	ug/L	99
42) Toluene	7.391	91	1072929	51.85	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	402545	51.52	ug/L	98
45) 1,1,2-Trichloroethane	7.844	97	254194	50.55	ug/L	99
46) Tetrachloroethene	7.979	164	235185	50.41	ug/L	97
48) 2-Hexanone	8.143	43	475343	107.87	ug/L	98
49) Dibromochloromethane	8.249	129	318199	51.38	ug/L	98
50) 1,2-Dibromoethane	8.355	107	281514	51.79	ug/L	99
51) Chlorobenzene	8.886	112	715849	50.31	ug/L	98
52) Ethylbenzene	9.018	91	1203392	52.46	ug/L	100
53) m,p-Xylene	9.143	106	452833	51.80	ug/L	98
54) o-Xylene	9.548	106	451986	52.63	ug/L	96
55) Styrene	9.564	104	793094	54.67	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.246	83	392691	49.14	ug/L	98
59) Bromoform	9.738	173	241519	50.31	ug/L	98
60) Isopropylbenzene	9.937	105	1241451	53.03	ug/L	98
61) 1,2,3-Trichloropropane	10.278	75	339452	51.41	ug/L	99
62) 1,3,5-Trimethylbenzene	10.545	105	1059720	53.31	ug/L	100
63) 1,2,4-Trimethylbenzene	10.921	105	1082810	54.62	ug/L	98
64) 1,3-Dichlorobenzene	11.188	146	607044	52.06	ug/L	99
65) 1,4-Dichlorobenzene	11.278	146	615574	51.38	ug/L	99
67) 1,2-Dichlorobenzene	11.648	146	613836	50.99	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.435	75	103128	52.11	ug/L	99
69) 1,3,5-Trichlorobenzene	12.651	180	449760	49.59	ug/L	99
70) 1,2,4-trichlorobenzene	13.268	180	386766	52.03	ug/L	97
71) Naphthalene	13.509	128	1139315	55.02	ug/L	100
72) 1,2,3-Trichlorobenzene	13.754	180	399154	52.62	ug/L	99

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

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