

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081921\
 Data File : VV021899.D
 Acq On : 19 Aug 2021 19:13
 Operator : SY/MD
 Sample : M3448-22MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBKG6MS

Quant Time: Aug 20 02:19:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 20 02:14:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	457336	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	426889	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	219987	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	130918	36.618	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.240%
7) Chloroethane-d5	1.558	69	104428	38.705	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.420%
11) 1,1-Dichloroethene-d2	2.105	63	219401	38.552	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.100%
21) 2-Butanone-d5	3.876	46	222019	99.846	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.850%
24) Chloroform-d	4.349	84	259348	41.869	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.740%
26) 1,2-Dichloroethane-d4	5.034	65	150748	42.308	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.620%
32) Benzene-d6	5.050	84	519390	42.310	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.620%
36) 1,2-Dichloropropane-d6	6.072	67	163999	42.900	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.800%
41) Toluene-d8	7.317	98	482868	42.557	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.120%
43) trans-1,3-Dichloroprop...	7.622	79	76331	40.572	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.140%
47) 2-Hexanone-d5	8.088	63	139270	111.156	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.160%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	235559	49.724	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.440%
66) 1,2-Dichlorobenzene-d4	11.625	152	198144	43.522	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	142321	40.224	ug/L	100
3) Chloromethane	1.240	50	151991	41.364	ug/L	99
5) Vinyl chloride	1.307	62	151834	41.964	ug/L	99
6) Bromomethane	1.507	94	87091	40.046	ug/L	99
8) Chloroethane	1.577	64	93960	43.457	ug/L	99
9) Trichlorofluoromethane	1.748	101	215974	43.566	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	115551	40.711	ug/L	99
12) 1,1-Dichloroethene	2.114	96	115217	42.618	ug/L	95
13) Acetone	2.159	43	122886	67.164	ug/L #	100
14) Carbon disulfide	2.291	76	375911	41.326	ug/L	99
15) Methyl Acetate	2.426	43	149691	44.534	ug/L	97
16) Methylene chloride	2.503	84	156236	41.548	ug/L	98
17) trans-1,2-Dichloroethene	2.757	96	142488	44.916	ug/L	100
18) Methyl tert-butyl Ether	2.767	73	462783	47.435	ug/L	99
19) 1,1-Dichloroethane	3.188	63	255509	45.247	ug/L	98
20) cis-1,2-Dichloroethene	3.912	96	161791	44.043	ug/L	100
22) 2-Butanone	3.960	43	233386	87.589	ug/L	99
23) Bromochloromethane	4.249	128	85089	43.659	ug/L	98
25) Chloroform	4.375	83	262030	43.124	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	182992	42.744	ug/L	100
29) Cyclohexane	4.677	56	226231	43.030	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	229712	43.003	ug/L	99
31) Carbon tetrachloride	4.828	117	197426	42.713	ug/L	99
33) Benzene	5.101	78	581204	44.243	ug/L	100
34) Trichloroethene	5.915	95	149318	39.554	ug/L	98
35) Methylcyclohexane	6.130	83	228257	41.445	ug/L	98
37) 1,2-Dichloropropane	6.175	63	146551	44.058	ug/L	100
38) Bromodichloromethane	6.513	83	190636	43.483	ug/L	100
39) cis-1,3-Dichloropropene	7.030	75	223765	42.483	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	439251	95.998	ug/L	99
42) Toluene	7.387	91	620296	44.211	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	211412	42.591	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	148942	44.698	ug/L	99
46) Tetrachloroethene	7.976	164	121867	43.438	ug/L	98
48) 2-Hexanone	8.140	43	327467	92.392	ug/L	97
49) Dibromochloromethane	8.249	129	161314	43.846	ug/L	99
50) 1,2-Dibromoethane	8.355	107	164030	45.235	ug/L	99
51) Chlorobenzene	8.882	112	402698	43.960	ug/L	100
52) Ethylbenzene	9.014	91	657992	43.959	ug/L	99
53) m,p-Xylene	9.140	106	258570	44.572	ug/L	98
54) o-Xylene	9.545	106	256346	44.580	ug/L	99
55) Styrene	9.561	104	427459	44.392	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	242588	52.295	ug/L	99
59) Bromoform	9.735	173	115475	44.157	ug/L	99
60) Isopropylbenzene	9.934	105	665437	45.119	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	189036	46.499	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	562357	45.437	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	565885	44.968	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	316310	44.287	ug/L	100
65) 1,4-Dichlorobenzene	11.275	146	313169	43.927	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	319054	44.282	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	49261	49.838	ug/L	98
69) 1,3,5-Trichlorobenzene	12.648	180	225993	43.651	ug/L	100
70) 1,2,4-trichlorobenzene	13.265	180	197920	45.582	ug/L	99
71) Naphthalene	13.503	128	1323670	104.947	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	205309	47.068	ug/L	100

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

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