

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081921\
 Data File : VV021900.D
 Acq On : 19 Aug 2021 19:37
 Operator : SY/MD
 Sample : M3448-23MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBKG6MSD

Quant Time: Aug 20 02:19:55 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	454352	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	418409	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	221801	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	128715	36.238	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.480%
7) Chloroethane-d5	1.558	69	104090	38.834	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.660%
11) 1,1-Dichloroethene-d2	2.105	63	219396	38.804	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.600%
21) 2-Butanone-d5	3.873	46	216663	98.078	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.080%
24) Chloroform-d	4.349	84	259503	42.169	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.340%
26) 1,2-Dichloroethane-d4	5.034	65	151784	42.879	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.760%
32) Benzene-d6	5.050	84	524583	43.599	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.200%
36) 1,2-Dichloropropane-d6	6.072	67	163238	43.567	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.140%
41) Toluene-d8	7.317	98	481104	43.261	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.520%
43) trans-1,3-Dichloroprop...	7.622	79	75964	41.195	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.400%
47) 2-Hexanone-d5	8.088	63	136795	111.393	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.390%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	235720	50.767	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.540%
66) 1,2-Dichlorobenzene-d4	11.625	152	198148	43.167	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.340%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	143843	40.922	ug/L	99
3) Chloromethane	1.240	50	154226	42.248	ug/L	99
5) Vinyl chloride	1.307	62	152790	42.506	ug/L	99
6) Bromomethane	1.507	94	89252	41.310	ug/L	98
8) Chloroethane	1.574	64	94810	44.138	ug/L	99
9) Trichlorofluoromethane	1.748	101	214443	43.541	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	118036	41.860	ug/L	99
12) 1,1-Dichloroethene	2.114	96	117176	43.628	ug/L	92
13) Acetone	2.159	43	121387	66.781	ug/L #	100
14) Carbon disulfide	2.291	76	380320	42.085	ug/L	100
15) Methyl Acetate	2.426	43	146414	43.845	ug/L	97
16) Methylene chloride	2.503	84	156335	41.847	ug/L	97
17) trans-1,2-Dichloroethene	2.757	96	144833	45.955	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	453763	46.816	ug/L	100
19) 1,1-Dichloroethane	3.188	63	258643	46.103	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	159225	43.629	ug/L	100
22) 2-Butanone	3.960	43	227084	85.784	ug/L	97
23) Bromochloromethane	4.249	128	84415	43.598	ug/L	96
25) Chloroform	4.375	83	262614	43.504	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	185434	43.599	ug/L	100
29) Cyclohexane	4.677	56	226596	43.973	ug/L	100
30) 1,1,1-Trichloroethane	4.609	97	234807	44.848	ug/L	99
31) Carbon tetrachloride	4.831	117	198354	43.784	ug/L	100
33) Benzene	5.101	78	583587	45.325	ug/L	100
34) Trichloroethene	5.915	95	150061	40.556	ug/L	98
35) Methylcyclohexane	6.133	83	232039	42.985	ug/L	99
37) 1,2-Dichloropropane	6.175	63	148820	45.647	ug/L	99
38) Bromodichloromethane	6.513	83	191245	44.506	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	234505	45.424	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	433267	96.609	ug/L	99
42) Toluene	7.391	91	624892	45.441	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	216489	44.498	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	150112	45.962	ug/L	100
46) Tetrachloroethene	7.979	164	120843	43.946	ug/L	99
48) 2-Hexanone	8.140	43	334784	96.371	ug/L	99
49) Dibromochloromethane	8.249	129	161870	44.889	ug/L	98
50) 1,2-Dibromoethane	8.352	107	163608	46.033	ug/L	97
51) Chlorobenzene	8.882	112	405757	45.191	ug/L	99
52) Ethylbenzene	9.014	91	663879	45.251	ug/L	98
53) m,p-Xylene	9.140	106	256299	45.076	ug/L	99
54) o-Xylene	9.545	106	260799	46.273	ug/L	98
55) Styrene	9.561	104	428806	45.434	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	241734	53.167	ug/L	100
59) Bromoform	9.735	173	116318	44.115	ug/L	100
60) Isopropylbenzene	9.934	105	675698	45.440	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	189448	46.219	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	564702	45.253	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	581948	45.866	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	319732	44.400	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	316280	44.001	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	325733	44.839	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	49969	50.141	ug/L	96
69) 1,3,5-Trichlorobenzene	12.648	180	231601	44.369	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	204395	46.688	ug/L	99
71) Naphthalene	13.503	128	1318254	103.663	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	212726	48.369	ug/L	100

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

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