

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090721\
 Data File : VV022107.D
 Acq On : 07 Sep 2021 17:00
 Operator : SY/MD
 Sample : M3651-09MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBKM3MSD

Manual Integrations
 APPROVED

Quant Time: Sep 08 01:18:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 08 01:14:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	364193	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	339749	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	175750	50.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.304	65	88549	35.109	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.220%
7) Chloroethane-d5	1.564	69	75292	38.228	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.460%
11) 1,1-Dichloroethene-d2	2.108	63	174832	41.915	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.840%
21) 2-Butanone-d5	3.892	46	181807	105.110	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.110%
24) Chloroform-d	4.352	84	201620	43.842	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.680%
26) 1,2-Dichloroethane-d4	5.034	65	120624	44.531	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.060%
32) Benzene-d6	5.053	84	389410	42.258	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.520%
36) 1,2-Dichloropropane-d6	6.072	67	126162	43.534	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.060%
41) Toluene-d8	7.316	98	357786	41.130	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.260%
43) trans-1,3-Dichloroprop...	7.622	79	57942	42.007	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.020%
47) 2-Hexanone-d5	8.091	63	122746	110.386	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.390%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	184929	49.825	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.640%
66) 1,2-Dichlorobenzene-d4	11.625	152	147399	42.662	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.320%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.127	85	92166	36.816	ug/L	100
3) Chloromethane	1.240	50	99086	37.379	ug/L	99
5) Vinyl chloride	1.307	62	104542	39.128	ug/L	99
6) Bromomethane	1.519	94	66795	41.582	ug/L	99
8) Chloroethane	1.584	64	66293	39.663	ug/L	100
9) Trichlorofluoromethane	1.751	101	159068	41.807	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	97475	43.679	ug/L	99
12) 1,1-Dichloroethene	2.114	96	92028	43.808	ug/L	93
13) Acetone	2.182	43	115389m	79.619	ug/L	
14) Carbon disulfide	2.291	76	237315	37.439	ug/L	100
15) Methyl Acetate	2.436	43	126453	44.805	ug/L	100
16) Methylene chloride	2.506	84	119912	42.604	ug/L	98
17) trans-1,2-Dichloroethene	2.760	96	105049	41.358	ug/L	98
18) Methyl tert-butyl Ether	2.770	73	363230	45.002	ug/L	100
19) 1,1-Dichloroethane	3.191	63	201203	44.476	ug/L	99
20) cis-1,2-Dichloroethene	3.911	96	122279	43.254	ug/L	99
22) 2-Butanone	3.976	43	178971	87.853	ug/L	100
23) Bromochloromethane	4.252	128	66014	43.847	ug/L	97
25) Chloroform	4.378	83	208278	43.492	ug/L	99

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9/8/2021 10:17:03 AM

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	147536	45.960	ug/L	99
29) Cyclohexane	4.677	56	160141	42.165	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	181746	45.010	ug/L	99
31) Carbon tetrachloride	4.828	117	151028	43.534	ug/L	97
33) Benzene	5.101	78	443133	44.830	ug/L	100
34) Trichloroethene	5.915	95	117412	41.934	ug/L	97
35) Methylcyclohexane	6.133	83	165582	40.453	ug/L	98
37) 1,2-Dichloropropane	6.175	63	114542	44.703	ug/L	99
38) Bromodichloromethane	6.513	83	151173	46.135	ug/L	100
39) cis-1,3-Dichloropropene	7.030	75	179135	45.282	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	346545	99.762	ug/L	99
42) Toluene	7.390	91	476252	44.641	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	169136	45.938	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	119236	45.735	ug/L	98
46) Tetrachloroethene	7.976	164	91156	41.870	ug/L	98
48) 2-Hexanone	8.140	43	264530	98.147	ug/L	98
49) Dibromochloromethane	8.249	129	126331	45.269	ug/L	100
50) 1,2-Dibromoethane	8.355	107	127088	45.420	ug/L	97
51) Chlorobenzene	8.882	112	315067	43.925	ug/L	98
52) Ethylbenzene	9.014	91	506201	43.832	ug/L	99
53) m,p-Xylene	9.140	106	196462	43.767	ug/L	100
54) o-Xylene	9.545	106	198366	44.662	ug/L	96
55) Styrene	9.561	104	337052	44.468	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.242	83	188433	49.884	ug/L	99
59) Bromoform	9.734	173	90156	48.298	ug/L	98
60) Isopropylbenzene	9.934	105	512110	46.373	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	150568	49.432	ug/L	99
62) 1,3,5-Trimethylbenzene	10.541	105	424837	45.823	ug/L	99
63) 1,2,4-Trimethylbenzene	10.918	105	431577	45.798	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	245399	43.766	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	243152	42.379	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	250671	45.025	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	38548	52.510	ug/L	97
69) 1,3,5-Trichlorobenzene	12.647	180	174565	41.636	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	151065	40.959	ug/L	100
71) Naphthalene	13.503	128	563120	53.078	ug/L	100
72) 1,2,3-Trichlorobenzene	13.747	180	158961	44.188	ug/L	99

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

