

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081721\
 Data File : VV021832.D
 Acq On : 17 Aug 2021 22:35
 Operator : SY/MD
 Sample : M3399-15MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBKC1MS

Quant Time: Aug 18 03:36:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 18 03:33:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	429990	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	404794	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	209825	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	121111	36.029	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.060%
7) Chloroethane-d5	1.558	69	100977	39.807	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.620%
11) 1,1-Dichloroethene-d2	2.108	63	208324	38.933	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.860%
21) 2-Butanone-d5	3.873	46	230217	110.117	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.120%
24) Chloroform-d	4.349	84	269731	46.314	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.620%
26) 1,2-Dichloroethane-d4	5.034	65	156805	46.807	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.620%
32) Benzene-d6	5.050	84	509593	43.778	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.560%
36) 1,2-Dichloropropane-d6	6.072	67	166932	46.051	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.100%
41) Toluene-d8	7.316	98	450090	41.833	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.660%
43) trans-1,3-Dichloroprop...	7.622	79	77463	43.421	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.840%
47) 2-Hexanone-d5	8.088	63	138687	116.732	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.730%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	243471	54.200	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	202097	46.540	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	155691	46.802	ug/L	99
3) Chloromethane	1.240	50	169893	49.177	ug/L	99
5) Vinyl chloride	1.310	62	165862	48.756	ug/L	98
6) Bromomethane	1.506	94	103652	50.693	ug/L	98
8) Chloroethane	1.577	64	101323	49.843	ug/L	100
9) Trichlorofluoromethane	1.748	101	224068	48.073	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	122259	45.814	ug/L	99
12) 1,1-Dichloroethene	2.114	96	122772	48.301	ug/L	95
13) Acetone	2.159	43	122820	71.397	ug/L #	100
14) Carbon disulfide	2.291	76	415642	48.600	ug/L	99
15) Methyl Acetate	2.426	43	157868	49.954	ug/L	98
16) Methylene chloride	2.503	84	167550	47.390	ug/L	98
17) trans-1,2-Dichloroethene	2.757	96	152126	51.004	ug/L	98
18) Methyl tert-butyl Ether	2.767	73	489344	53.347	ug/L	99
19) 1,1-Dichloroethane	3.188	63	275156	51.825	ug/L	99
20) cis-1,2-Dichloroethene	3.911	96	170884	49.477	ug/L	98
22) 2-Butanone	3.960	43	229142	91.465	ug/L	100
23) Bromochloromethane	4.249	128	91123	49.728	ug/L	97
25) Chloroform	4.374	83	282156	49.390	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	201098	49.961	ug/L	98
29) Cyclohexane	4.680	56	245385	49.221	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	245923	48.551	ug/L	99
31) Carbon tetrachloride	4.828	117	211311	48.213	ug/L	99
33) Benzene	5.101	78	623409	50.046	ug/L	100
34) Trichloroethene	5.915	95	167620	46.826	ug/L	99
35) Methylcyclohexane	6.133	83	244328	46.784	ug/L	99
37) 1,2-Dichloropropane	6.175	63	156967	49.765	ug/L	99
38) Bromodichloromethane	6.513	83	206453	49.661	ug/L	100
39) cis-1,3-Dichloropropene	7.030	75	245562	49.166	ug/L	100
40) 4-Methyl-2-pentanone	7.226	43	457630	105.474	ug/L	100
42) Toluene	7.390	91	680791	51.171	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	229128	48.680	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	160248	50.716	ug/L	99
46) Tetrachloroethene	7.979	164	127793	48.037	ug/L	98
48) 2-Hexanone	8.140	43	340704	101.374	ug/L	99
49) Dibromochloromethane	8.249	129	171191	49.071	ug/L	98
50) 1,2-Dibromoethane	8.355	107	172453	50.153	ug/L	99
51) Chlorobenzene	8.882	112	425200	48.950	ug/L	99
52) Ethylbenzene	9.014	91	702873	49.520	ug/L	99
53) m,p-Xylene	9.140	106	272163	49.476	ug/L	99
54) o-Xylene	9.545	106	272796	50.030	ug/L	100
55) Styrene	9.561	104	462753	50.680	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.242	83	239225	54.385	ug/L	96
59) Bromoform	9.734	173	123416	49.479	ug/L	100
60) Isopropylbenzene	9.934	105	707987	50.329	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	197776	51.005	ug/L	99
62) 1,3,5-Trimethylbenzene	10.541	105	590663	50.035	ug/L	100
63) 1,2,4-Trimethylbenzene	10.918	105	603633	50.291	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	333472	48.951	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	330949	48.669	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	342536	49.844	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	49516	52.522	ug/L	95
69) 1,3,5-Trichlorobenzene	12.647	180	231588	46.898	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	201732	48.710	ug/L	100
71) Naphthalene	13.506	128	670536	55.738	ug/L	100
72) 1,2,3-Trichlorobenzene	13.747	180	207833	49.954	ug/L	100

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

