

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081721\
 Data File : VV021848.D
 Acq On : 18 Aug 2021 04:59
 Operator : SY/MD
 Sample : M3422-24MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBKE2MS

Quant Time: Aug 18 05:44:11 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	405092	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	378257	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	195105	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	108180	34.160	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.320%
7) Chloroethane-d5	1.558	69	92526	38.717	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.440%
11) 1,1-Dichloroethene-d2	2.105	63	203878	40.444	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.880%
21) 2-Butanone-d5	3.873	46	221559	112.490	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.490%
24) Chloroform-d	4.349	84	256268	46.707	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.420%
26) 1,2-Dichloroethane-d4	5.034	65	150813	47.786	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.580%
32) Benzene-d6	5.050	84	479900	44.119	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.240%
36) 1,2-Dichloropropane-d6	6.072	67	160320	47.330	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.660%
41) Toluene-d8	7.317	98	430144	42.784	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.560%
43) trans-1,3-Dichloroprop...	7.622	79	70764	42.449	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.900%
47) 2-Hexanone-d5	8.088	63	134094	120.785	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	120.780%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	240993	57.412	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	114.820%
66) 1,2-Dichlorobenzene-d4	11.625	152	193462	47.913	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.820%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	148224	47.296	ug/L	99
3) Chloromethane	1.240	50	163201	50.143	ug/L	100
5) Vinyl chloride	1.307	62	158832	49.560	ug/L	99
6) Bromomethane	1.510	94	99503	51.655	ug/L	99
8) Chloroethane	1.577	64	95583	49.909	ug/L	99
9) Trichlorofluoromethane	1.748	101	220065	50.116	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	124898	49.680	ug/L	98
12) 1,1-Dichloroethene	2.114	96	120899	50.488	ug/L	93
13) Acetone	2.159	43	119023	73.442	ug/L #	100
14) Carbon disulfide	2.291	76	394355	48.945	ug/L	100
15) Methyl Acetate	2.426	43	105800	35.536	ug/L	97
16) Methylene chloride	2.503	84	160501	48.187	ug/L	98
17) trans-1,2-Dichloroethene	2.757	96	146952	52.298	ug/L	100
18) Methyl tert-butyl Ether	2.767	73	464316	53.730	ug/L	100
19) 1,1-Dichloroethane	3.188	63	263264	52.633	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	162270	49.871	ug/L	98
22) 2-Butanone	3.957	43	223531	94.710	ug/L	98
23) Bromochloromethane	4.249	128	87368	50.610	ug/L	95
25) Chloroform	4.375	83	269940	50.156	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	191170	50.414	ug/L	100
29) Cyclohexane	4.680	56	235059	50.457	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	236826	50.035	ug/L	99
31) Carbon tetrachloride	4.828	117	202603	49.469	ug/L	100
33) Benzene	5.101	78	593415	50.980	ug/L	100
34) Trichloroethene	5.915	95	155311	46.431	ug/L	97
35) Methylcyclohexane	6.133	83	228952	46.916	ug/L	100
37) 1,2-Dichloropropane	6.175	63	153090	51.941	ug/L	99
38) Bromodichloromethane	6.513	83	195662	50.367	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	224375	48.075	ug/L	98
40) 4-Methyl-2-pentanone	7.226	43	443881	109.482	ug/L	100
42) Toluene	7.390	91	633154	50.929	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	212630	48.344	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	154747	52.411	ug/L	98
46) Tetrachloroethene	7.979	164	120571	48.501	ug/L	98
48) 2-Hexanone	8.140	43	334505	106.512	ug/L	99
49) Dibromochloromethane	8.249	129	166700	51.136	ug/L	100
50) 1,2-Dibromoethane	8.355	107	165534	51.518	ug/L	99
51) Chlorobenzene	8.882	112	410130	50.527	ug/L	99
52) Ethylbenzene	9.014	91	674245	50.836	ug/L	100
53) m,p-Xylene	9.140	106	265495	51.650	ug/L	100
54) o-Xylene	9.545	106	260906	51.206	ug/L	100
55) Styrene	9.561	104	440856	51.669	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.242	83	236815	57.614	ug/L	99
59) Bromoform	9.734	173	119447	51.501	ug/L	100
60) Isopropylbenzene	9.934	105	676088	51.687	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	192040	53.262	ug/L	99
62) 1,3,5-Trimethylbenzene	10.541	105	562277	51.224	ug/L	100
63) 1,2,4-Trimethylbenzene	10.918	105	572514	51.297	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	318320	50.252	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	320555	50.697	ug/L	97
67) 1,2-Dichlorobenzene	11.644	146	326927	51.161	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	47604	54.304	ug/L	96
69) 1,3,5-Trichlorobenzene	12.648	180	223537	48.683	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	192629	50.021	ug/L	100
71) Naphthalene	13.503	128	658805	58.894	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	201537	52.096	ug/L	98

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

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