

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090221\
 Data File : VV022077.D
 Acq On : 02 Sep 2021 15:46
 Operator : SY/MD
 Sample : M3608-20MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBKL5MS

Manual Integrations
 APPROVED

MMDadoda

9/7/2021 8:49:59 AM

Quant Time: Sep 03 01:01:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 03 00:59:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	368158	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	345060	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	187532	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	103003	40.401	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.800%
7) Chloroethane-d5	1.561	69	83051	41.713	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.420%
11) 1,1-Dichloroethene-d2	2.108	63	183103	43.425	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.860%
21) 2-Butanone-d5	3.876	46	165793	94.819	ug/L	-0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.820%
24) Chloroform-d	4.352	84	213173	45.855	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.720%
26) 1,2-Dichloroethane-d4	5.034	65	127090	46.413	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.820%
32) Benzene-d6	5.050	84	425617	45.476	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.960%
36) 1,2-Dichloropropane-d6	6.069	67	131402	44.644	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.280%
41) Toluene-d8	7.317	98	396307	44.857	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.720%
43) trans-1,3-Dichloroprop...	7.622	79	63798	45.540	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.080%
47) 2-Hexanone-d5	8.088	63	127270	112.693	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.690%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	185962	49.332	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.660%
66) 1,2-Dichlorobenzene-d4	11.625	152	164978	44.750	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	98310	38.848	ug/L	100
3) Chloromethane	1.240	50	99301	37.057	ug/L	99
5) Vinyl chloride	1.307	62	104522	38.699	ug/L	98
6) Bromomethane	1.513	94	59482	36.630	ug/L	98
8) Chloroethane	1.577	64	67262	39.809	ug/L	98
9) Trichlorofluoromethane	1.748	101	169045	43.951	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	94276	41.790	ug/L	98
12) 1,1-Dichloroethene	2.114	96	87787	41.339	ug/L	96
13) Acetone	2.163	43	101984	69.612	ug/L #	75
14) Carbon disulfide	2.291	76	249525	38.941	ug/L	100
15) Methyl Acetate	2.426	43	122040	42.775	ug/L	99
16) Methylene chloride	2.507	84	117252	41.211	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	107131	41.723	ug/L	100
18) Methyl tert-butyl Ether	2.767	73	366446	44.911	ug/L	100
19) 1,1-Dichloroethane	3.188	63	198083	43.315	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	124354	43.514	ug/L	96
22) 2-Butanone	3.960	43	163491	79.390	ug/L	96
23) Bromochloromethane	4.249	128	64864	42.619	ug/L	98
25) Chloroform	4.378	83	207392	42.841	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	147259	45.380	ug/L	100
29) Cyclohexane	4.677	56	167535	43.433	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	183236	44.680	ug/L	99
31) Carbon tetrachloride	4.828	117	157295	44.643	ug/L	100
33) Benzene	5.101	78	571171	56.894	ug/L	100
34) Trichloroethene	5.915	95	115636	40.664	ug/L	98
35) Methylcyclohexane	6.133	83	178044	42.828	ug/L	98
37) 1,2-Dichloropropane	6.175	63	116145	44.631	ug/L	100
38) Bromodichloromethane	6.513	83	149411	44.895	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	185380	46.139	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	333679	94.580	ug/L	99
42) Toluene	7.387	91	939419	86.700	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	174720	46.724	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	119805	45.246	ug/L	99
46) Tetrachloroethene	7.979	164	96829	43.791	ug/L	99
48) 2-Hexanone	8.140	43	247606	90.454	ug/L	99
49) Dibromochloromethane	8.249	129	131258	46.310	ug/L	97
50) 1,2-Dibromoethane	8.355	107	127864	44.994	ug/L	98
51) Chlorobenzene	8.882	112	320356	43.975	ug/L	99
52) Ethylbenzene	9.014	91	1913201	163.113	ug/L	99
53) m,p-Xylene	9.140	106	621605	136.347	ug/L	99
54) o-Xylene	9.545	106	456665	101.236	ug/L	96
55) Styrene	9.561	104	397590	51.647	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.243	83	189328	49.350	ug/L	99
59) Bromoform	9.735	173	94902	47.647	ug/L	100
60) Isopropylbenzene	9.934	105	558144	47.366	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	145532	44.777	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	586253	59.261	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	867547	86.278	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	264332	44.181	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	263353	43.016	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	260636	43.874	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	46843	59.800	ug/L	97
69) 1,3,5-Trichlorobenzene	12.648	180	211305	47.233	ug/L	99
70) 1,2,4-trichlorobenzene	13.265	180	201682	51.248	ug/L	99
71) Naphthalene	13.503	128	20318817m	1794.857	ug/L	
72) 1,2,3-Trichlorobenzene	13.747	180	187778	48.920	ug/L	97

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

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