

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042121\
 Data File : VW021072.D
 Acq On : 21 Apr 2021 12:45
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV162

Manual Integrations
 APPROVED

MMDadoda
 4/23/2021 2:49:02 PM

Quant Time: Apr 22 06:40:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 22 06:32:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	697160	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	681776	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	385196	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	267927	46.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.54%
7) Chloroethane-d5	1.571	69	204221	48.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.92%
11) 1,1-Dichloroethene-d2	2.111	63	507263	48.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.02%
21) 2-Butanone-d5	3.908	46	291085	104.06	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.06%
24) Chloroform-d	4.352	84	496987	48.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.32%
26) 1,2-Dichloroethane-d4	5.037	65	324580	50.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.00%
32) Benzene-d6	5.053	84	907357	49.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.94%
36) 1,2-Dichloropropane-d6	6.072	67	270327	49.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.76%
41) Toluene-d8	7.320	98	909337	51.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.50%
43) trans-1,3-Dichloroprop...	7.625	79	152341	51.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.86%
47) 2-Hexanone-d5	8.095	63	232271	108.05	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.05%
56) 1,1,2,2-Tetrachloroeth...	10.223	84	411105	50.29	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.58%
66) 1,2-Dichlorobenzene-d4	11.631	152	384513	50.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.06%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	332367	47.22	ug/L	100
3) Chloromethane	1.243	50	292329	48.25	ug/L	100
5) Vinyl chloride	1.314	62	305123	49.20	ug/L	98
6) Bromomethane	1.526	94	204915	49.04	ug/L	98
8) Chloroethane	1.587	64	175397	47.94	ug/L	97
9) Trichlorofluoromethane	1.754	101	534409	48.36	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	264806	48.31	ug/L	98
12) 1,1-Dichloroethene	2.121	96	243803	48.99	ug/L	94
13) Acetone	2.201	43	256349	98.11	ug/L	88
14) Carbon disulfide	2.294	76	667340	48.88	ug/L	99
15) Methyl Acetate	2.442	43	222777	51.55	ug/L	99
16) Methylene chloride	2.510	84	248361	47.85	ug/L	98
17) trans-1,2-Dichloroethene	2.764	96	231711	48.45	ug/L	95
18) Methyl tert-butyl Ether	2.773	73	752350	51.25	ug/L	99
19) 1,1-Dichloroethane	3.194	63	430590	49.90	ug/L	100
20) cis-1,2-Dichloroethene	3.915	96	256958	50.35	ug/L	99
22) 2-Butanone	3.992	43	325262m	107.48	ug/L	
23) Bromochloromethane	4.252	128	146981	49.97	ug/L	97
25) Chloroform	4.378	83	476520	49.06	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	382197	49.43	ug/L	99
29) Cyclohexane	4.680	56	352140	50.75	ug/L	98
30) 1,1,1-Trichloroethane	4.612	97	459915	50.36	ug/L	100
31) Carbon tetrachloride	4.831	117	420977	49.91	ug/L	98
33) Benzene	5.104	78	952396	50.11	ug/L	100
34) Trichloroethene	5.918	95	261040	49.63	ug/L	98
35) Methylcyclohexane	6.136	83	403790	51.08	ug/L	98
37) 1,2-Dichloropropane	6.178	63	237791	50.94	ug/L	99
38) Bromodichloromethane	6.516	83	365218	50.20	ug/L	97
39) cis-1,3-Dichloropropene	7.030	75	397817	52.25	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	610707	108.22	ug/L	99
42) Toluene	7.390	91	1085914	52.04	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	413717	52.51	ug/L	99
45) 1,1,2-Trichloroethane	7.844	97	255765	50.44	ug/L	98
46) Tetrachloroethene	7.979	164	236417	50.25	ug/L	97
48) 2-Hexanone	8.143	43	487390	109.68	ug/L	99
49) Dibromochloromethane	8.249	129	323387	51.79	ug/L	99
50) 1,2-Dibromoethane	8.358	107	280695	51.21	ug/L	97
51) Chlorobenzene	8.886	112	730762	50.93	ug/L	99
52) Ethylbenzene	9.017	91	1218076	52.65	ug/L	99
53) m,p-Xylene	9.143	106	476294	54.02	ug/L	97
54) o-Xylene	9.548	106	453529	52.37	ug/L	99
55) Styrene	9.564	104	800957	54.75	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.246	83	403114	50.02	ug/L	98
59) Bromoform	9.734	173	243207	51.51	ug/L	99
60) Isopropylbenzene	9.937	105	1238025	53.77	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	335599	51.67	ug/L	99
62) 1,3,5-Trimethylbenzene	10.545	105	1056433	54.03	ug/L	98
63) 1,2,4-Trimethylbenzene	10.921	105	1079695	55.37	ug/L	98
64) 1,3-Dichlorobenzene	11.188	146	602102	52.49	ug/L	99
65) 1,4-Dichlorobenzene	11.278	146	612124	51.94	ug/L	99
67) 1,2-Dichlorobenzene	11.651	146	603642	50.98	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.435	75	99934	51.33	ug/L	99
69) 1,3,5-Trichlorobenzene	12.654	180	464603	52.08	ug/L	99
70) 1,2,4-trichlorobenzene	13.268	180	390759	53.44	ug/L	99
71) Naphthalene	13.509	128	1179155	57.90	ug/L	100
72) 1,2,3-Trichlorobenzene	13.754	180	406507	54.49	ug/L	99

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

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