

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032221\
 Data File : VW020708.D
 Acq On : 22 Mar 2021 18:02
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05089

Manual Integrations
 APPROVED

MMDadoda
 3/23/2021 2:21:51 PM

Quant Time: Mar 23 02:16:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM031321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 23 02:12:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	447571	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	439782	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	237939	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	161839	44.83	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	89.66%		
7) Chloroethane-d5	1.571	69	117638	40.73	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	81.46%		
11) 1,1-Dichloroethene-d2	2.111	63	287878	41.95	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.90%		
21) 2-Butanone-d5	3.895	46	221701	95.68	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	95.68%		
24) Chloroform-d	4.352	84	309162	49.27	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.54%		
26) 1,2-Dichloroethane-d4	5.034	65	202622	48.94	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.88%		
32) Benzene-d6	5.053	84	568070	46.75	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.50%		
36) 1,2-Dichloropropane-d6	6.072	67	175052	45.03	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.06%		
41) Toluene-d8	7.320	98	530951	49.17	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.34%		
43) trans-1,3-Dichloroprop...	7.622	79	88655	48.79	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	97.58%		
47) 2-Hexanone-d5	8.091	63	156381	107.52	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	107.52%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	264138	54.37	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	108.74%		
64) 1,2-Dichlorobenzene-d4	11.628	152	212961	46.19	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.38%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	205165	55.52	ug/L	98
3) Chloromethane	1.243	50	204618	47.87	ug/L	97
5) Vinyl chloride	1.314	62	191117	44.59	ug/L	100
6) Bromomethane	1.526	94	109353	43.31	ug/L	98
8) Chloroethane	1.587	64	105447	40.55	ug/L	99
9) Trichlorofluoromethane	1.754	101	275843	48.30	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	133202	42.77	ug/L	92
12) 1,1-Dichloroethene	2.121	96	125775	41.63	ug/L	90
13) Acetone	2.185	43	161891	85.54	ug/L	99
14) Carbon disulfide	2.297	76	382664	41.77	ug/L	98
15) Methyl Acetate	2.436	43	176362	48.65	ug/L	98
16) Methylene chloride	2.510	84	158039	45.14	ug/L	95
17) trans-1,2-Dichloroethene	2.764	96	148714	46.07	ug/L	94
18) Methyl tert-butyl Ether	2.770	73	472801	48.17	ug/L	100
19) 1,1-Dichloroethane	3.195	63	282910	45.94	ug/L	99
20) cis-1,2-Dichloroethene	3.915	96	166499m	49.97	ug/L	
22) 2-Butanone	3.976	43	247623	94.59	ug/L	97
23) Bromochloromethane	4.249	128	84565	50.86	ug/L	90
25) Chloroform	4.378	83	303809	47.23	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	246633	48.54	ug/L	99
29) Cyclohexane	4.683	56	240577	44.67	ug/L	98
30) 1,1,1-Trichloroethane	4.612	97	265344	49.92	ug/L	97
31) Carbon tetrachloride	4.831	117	218391	50.57	ug/L	100
33) Benzene	5.101	78	632767	47.69	ug/L	100
34) Trichloroethene	5.918	95	163217	43.59	ug/L	96
35) Methylcyclohexane	6.137	83	242848	47.19	ug/L	98
37) 1,2-Dichloropropane	6.178	63	164466	47.47	ug/L	98
38) Bromodichloromethane	6.513	83	221779	48.61	ug/L	100
39) cis-1,3-Dichloropropene	7.030	75	250196	48.68	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	510890	98.04	ug/L	98
42) Toluene	7.391	91	684220	49.39	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	259836	51.43	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	162718	50.40	ug/L	98
46) Tetrachloroethene	7.979	164	125815	52.37	ug/L	97
48) 2-Hexanone	8.143	43	410432	100.84	ug/L	98
49) Dibromochloromethane	8.249	129	169488	50.42	ug/L	97
50) 1,2-Dibromoethane	8.355	107	172139	49.78	ug/L	98
51) Chlorobenzene	8.886	112	437938	48.88	ug/L	97
52) Ethylbenzene	9.017	91	768360	49.00	ug/L	99
53) m,p-Xylene	9.143	106	286522	50.03	ug/L	97
54) o-xylene	9.548	106	279603	50.43	ug/L	97
55) Styrene	9.564	104	506975	52.37	ug/L	97
56) Isopropylbenzene	9.937	105	759040	50.60	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.246	83	274829	57.32	ug/L	100
59) 1,2,3-Trichloropropane	10.278	75	220563	50.24	ug/L	100
61) Bromoform	9.738	173	117888	49.99	ug/L	99
62) 1,3-Dichlorobenzene	11.185	146	360518	47.71	ug/L	98
63) 1,4-Dichlorobenzene	11.278	146	373944	47.42	ug/L	96
65) 1,2-Dichlorobenzene	11.648	146	366573	48.74	ug/L	96
66) 1,2-Dibromo-3-chloropr...	12.432	75	59348	52.25	ug/L	92
67) 1,3,5-Trichlorobenzene	12.651	180	260711	48.45	ug/L	98
68) 1,2,4-trichlorobenzene	13.268	180	227696	48.74	ug/L	97
69) Naphthalene	13.509	128	781501	51.45	ug/L	99
70) 1,2,3-Trichlorobenzene	13.750	180	235633	50.88	ug/L	98

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

