

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042121\
 Data File : VW021087.D
 Acq On : 21 Apr 2021 18:44
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050175

Manual Integrations
 APPROVED

MMDadoda
 4/23/2021 2:50:09 PM

Quant Time: Apr 22 06:44:16 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	614933	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	603675	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	346286	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	226727	44.87	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	89.74%		
7) Chloroethane-d5	1.568	69	169236	45.53	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.06%		
11) 1,1-Dichloroethene-d2	2.108	63	437020	46.89	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.78%		
21) 2-Butanone-d5	3.908	46	266151	107.86	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	107.86%		
24) Chloroform-d	4.352	84	444606	49.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.72%		
26) 1,2-Dichloroethane-d4	5.037	65	289917	50.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.26%		
32) Benzene-d6	5.053	84	793202	49.34	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.68%		
36) 1,2-Dichloropropane-d6	6.075	67	234092	48.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.56%		
41) Toluene-d8	7.320	98	784283	50.40	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.80%		
43) trans-1,3-Dichloroprop...	7.625	79	130923	49.92	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	99.84%		
47) 2-Hexanone-d5	8.095	63	212131	111.45	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	111.45%		
56) 1,1,2,2-Tetrachloroeth...	10.220	84	364491	50.36	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	100.72%		
66) 1,2-Dichlorobenzene-d4	11.632	152	342102	50.01	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.02%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	298803	48.13	ug/L	99
3) Chloromethane	1.243	50	255432	47.80	ug/L	99
5) Vinyl chloride	1.310	62	268254	49.04	ug/L	100
6) Bromomethane	1.523	94	176883	47.99	ug/L	98
8) Chloroethane	1.587	64	155781	48.27	ug/L	99
9) Trichlorofluoromethane	1.754	101	485232	49.78	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	235792	48.77	ug/L	98
12) 1,1-Dichloroethene	2.117	96	215158	49.01	ug/L	95
13) Acetone	2.201	43	205643m	89.22	ug/L	
14) Carbon disulfide	2.294	76	591846	49.15	ug/L	100
15) Methyl Acetate	2.442	43	203011	53.26	ug/L	99
16) Methylene chloride	2.510	84	225065	49.16	ug/L	99
17) trans-1,2-Dichloroethene	2.761	96	213951	50.72	ug/L	96
18) Methyl tert-butyl Ether	2.773	73	681370	52.62	ug/L	100
19) 1,1-Dichloroethane	3.191	63	385041	50.59	ug/L	100
20) cis-1,2-Dichloroethene	3.915	96	233399	51.85	ug/L	99
22) 2-Butanone	3.992	43	284828	106.71	ug/L	98
23) Bromochloromethane	4.252	128	131256	50.60	ug/L	96
25) Chloroform	4.378	83	439718	51.33	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	357305	52.38	ug/L	100
29) Cyclohexane	4.680	56	315532	51.36	ug/L	97
30) 1,1,1-Trichloroethane	4.613	97	426683	52.76	ug/L	99
31) Carbon tetrachloride	4.831	117	381327	51.05	ug/L	98
33) Benzene	5.104	78	869799	51.69	ug/L	100
34) Trichloroethene	5.918	95	240632	51.67	ug/L	99
35) Methylcyclohexane	6.137	83	355614	50.81	ug/L	98
37) 1,2-Dichloropropane	6.178	63	214512	51.89	ug/L	100
38) Bromodichloromethane	6.513	83	330156	51.25	ug/L	98
39) cis-1,3-Dichloropropene	7.030	75	346081	51.33	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	561008	112.28	ug/L	99
42) Toluene	7.391	91	992294	53.71	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	364740	52.28	ug/L	99
45) 1,1,2-Trichloroethane	7.844	97	233454	52.00	ug/L	100
46) Tetrachloroethene	7.979	164	210309	50.49	ug/L	96
48) 2-Hexanone	8.143	43	446985	113.60	ug/L	99
49) Dibromochloromethane	8.249	129	289313	52.32	ug/L	97
50) 1,2-Dibromoethane	8.355	107	256413	52.83	ug/L	99
51) Chlorobenzene	8.886	112	655029	51.55	ug/L	99
52) Ethylbenzene	9.017	91	1087033	53.07	ug/L	100
53) m,p-Xylene	9.143	106	418807	53.65	ug/L	97
54) o-Xylene	9.548	106	409279	53.38	ug/L	97
55) Styrene	9.564	104	715405	55.23	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.246	83	372835	52.25	ug/L	99
59) Bromoform	9.738	173	220104	51.85	ug/L	100
60) Isopropylbenzene	9.937	105	1122000	54.20	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	307006	52.58	ug/L	100
62) 1,3,5-Trimethylbenzene	10.545	105	948915	53.98	ug/L	98
63) 1,2,4-Trimethylbenzene	10.921	105	971693	55.43	ug/L	99
64) 1,3-Dichlorobenzene	11.188	146	543895	52.75	ug/L	99
65) 1,4-Dichlorobenzene	11.278	146	544544	51.40	ug/L	98
67) 1,2-Dichlorobenzene	11.651	146	556466	52.28	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.435	75	93190	53.25	ug/L	96
69) 1,3,5-Trichlorobenzene	12.651	180	414388	51.67	ug/L	99
70) 1,2,4-trichlorobenzene	13.268	180	352873	53.68	ug/L	99
71) Naphthalene	13.509	128	1090139	59.54	ug/L	100
72) 1,2,3-Trichlorobenzene	13.750	180	371904	55.45	ug/L	99

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

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