

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100121\
 Data File : VW022477.D
 Acq On : 01 Oct 2021 20:37
 Operator : SY/MD
 Sample : VSTD20061
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200261

Manual Integrations
 APPROVED

MMDadoda
 10/6/2021 2:24:09 PM

Quant Time: Oct 02 00:41:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 02 00:39:18 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	252727	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	240771	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	135489	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	295592	146.074	ug/L	0.00
7) Chloroethane-d5	1.564	69	238823	149.272	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.104	63	595631	165.858	ug/L	0.00
21) 2-Butanone-d5	3.886	46	350297	260.067	ug/L	0.00
24) Chloroform-d	4.346	84	579984	158.487	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.030	65	341053	153.225	ug/L	0.00
32) Benzene-d6	5.050	84	1125343	158.107	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	348074	152.755	ug/L	0.00
41) Toluene-d8	7.316	98	1058754	162.126	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	180442	172.748	ug/L	0.00
47) 2-Hexanone-d5	8.091	63	341944	375.303	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	496623	151.348	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	443293	155.644	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	447488	183.800	ug/L	99
3) Chloromethane	1.236	50	465002	188.071	ug/L	100
5) Vinyl chloride	1.307	62	443719	191.256	ug/L	98
6) Bromomethane	1.519	94	314914	208.526	ug/L	99
8) Chloroethane	1.584	64	267691	189.022	ug/L	99
9) Trichlorofluoromethane	1.751	101	601220	190.356	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	332134	186.770	ug/L	99
12) 1,1-Dichloroethene	2.114	96	328642	195.412	ug/L	98
13) Acetone	2.185	43	352757m	309.850	ug/L	
14) Carbon disulfide	2.291	76	1026847	197.584	ug/L	99
15) Methyl Acetate	2.429	43	376552	176.720	ug/L	98
16) Methylene chloride	2.503	84	419484	181.713	ug/L	100
17) trans-1,2-Dichloroethene	2.757	96	373291	195.038	ug/L	98
18) Methyl tert-butyl Ether	2.764	73	1238401	215.356	ug/L	99
19) 1,1-Dichloroethane	3.188	63	661427	192.438	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	415564	203.857	ug/L	99
22) 2-Butanone	3.969	43	597896m	397.934	ug/L	
23) Bromochloromethane	4.246	128	229619	207.207	ug/L	98
25) Chloroform	4.371	83	683760	193.627	ug/L	100
27) 1,2-Dichloroethane	5.127	62	497549	197.295	ug/L	98
29) Cyclohexane	4.677	56	544642	193.667	ug/L	100
30) 1,1,1-Trichloroethane	4.606	97	591506	203.602	ug/L	99
31) Carbon tetrachloride	4.828	117	516588	201.627	ug/L	99
33) Benzene	5.098	78	1460645	199.757	ug/L	100
34) Trichloroethene	5.911	95	374460	197.160	ug/L	99
35) Methylcyclohexane	6.130	83	558324	191.639	ug/L	99
37) 1,2-Dichloropropane	6.172	63	373374	198.820	ug/L	99
38) Bromodichloromethane	6.509	83	519589	215.098	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	632663	226.699	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	1141291	436.489	ug/L	99
42) Toluene	7.387	91	1573672	200.914	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	605712	227.617	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.841	97	387103	200.647	ug/L	98
46) Tetrachloroethene	7.976	164	308964	195.734	ug/L	99
48) 2-Hexanone	8.143	43	879946	447.673	ug/L	99
49) Dibromochloromethane	8.246	129	465908	226.673	ug/L	99
50) 1,2-Dibromoethane	8.352	107	431987	209.695	ug/L	98
51) Chlorobenzene	8.882	112	1038379	201.680	ug/L	99
52) Ethylbenzene	9.014	91	1672083	204.284	ug/L	100
53) m,p-Xylene	9.140	106	662675	209.388	ug/L	100
54) o-Xylene	9.545	106	651674	211.379	ug/L	100
55) Styrene	9.561	104	1154849	216.383	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.242	83	622100	197.935	ug/L	100
59) Bromoform	9.731	173	362377	232.477	ug/L	99
60) Isopropylbenzene	9.934	105	1677984	200.455	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	486861	193.224	ug/L	100
62) 1,3,5-Trimethylbenzene	10.541	105	1475916	212.874	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	1495622	214.496	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	851276	200.192	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	863815	198.889	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	865455	199.316	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	152214	227.810	ug/L	99
69) 1,3,5-Trichlorobenzene	12.647	180	646970	209.041	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	603652	227.889	ug/L	99
71) Naphthalene	13.503	128	2068263	253.036	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	605720	221.836	ug/L	99

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

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