

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092821\
 Data File : VW022336.D
 Acq On : 27 Sep 2021 16:33
 Operator : SY/MD
 Sample : VSTD01052
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010252

Manual Integrations
 APPROVED

MMDadoda
 9/29/2021 5:12:46 PM

Quant Time: Sep 28 02:14:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 28 02:13:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	260469	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	256215	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	131350	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	22208	11.884	ug/L	0.00
7) Chloroethane-d5	1.564	69	17763	12.122	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	38828	12.368	ug/L	0.00
21) 2-Butanone-d5	3.889	46	26874m	20.651	ug/L	0.02
24) Chloroform-d	4.352	84	37764	11.128	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	24594	12.144	ug/L	0.00
32) Benzene-d6	5.053	84	78910	10.983	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.075	67	26041	11.523	ug/L	0.00
41) Toluene-d8	7.320	98	71349	10.591	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.625	79	10362	9.697	ug/L	0.00
47) 2-Hexanone-d5	8.091	63	17391	19.803	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.220	84	36185	12.195	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.628	152	29715	11.262	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	24884	12.954	ug/L	98
3) Chloromethane	1.243	50	25644	12.749	ug/L	99
5) Vinyl chloride	1.310	62	23187	11.632	ug/L	97
6) Bromomethane	1.519	94	15696	12.987	ug/L	95
8) Chloroethane	1.584	64	14766	11.921	ug/L	96
9) Trichlorofluoromethane	1.751	101	31793	11.270	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	17745	10.890	ug/L	100
12) 1,1-Dichloroethene	2.117	96	17095	11.087	ug/L	91
13) Acetone	2.159	43	23246	21.960	ug/L	97
14) Carbon disulfide	2.294	76	49526	10.560	ug/L	100
15) Methyl Acetate	2.432	43	20793	10.016	ug/L	98
16) Methylene chloride	2.506	84	24746	12.017	ug/L	98
17) trans-1,2-Dichloroethene	2.760	96	19181	10.410	ug/L	95
18) Methyl tert-butyl Ether	2.767	73	54487	9.414	ug/L	98
19) 1,1-Dichloroethane	3.191	63	34982	10.629	ug/L	98
20) cis-1,2-Dichloroethene	3.918	96	19738	9.698	ug/L	93
22) 2-Butanone	3.979	43	29298m	19.809	ug/L	
23) Bromochloromethane	4.256	128	11034	10.137	ug/L	98
25) Chloroform	4.375	83	37710	10.857	ug/L	96
27) 1,2-Dichloroethane	5.137	62	26102	11.164	ug/L	97
29) Cyclohexane	4.677	56	27009	9.282	ug/L	99
30) 1,1,1-Trichloroethane	4.606	97	29832	9.768	ug/L	100
31) Carbon tetrachloride	4.831	117	26278	9.983	ug/L	97
33) Benzene	5.101	78	75531	9.992	ug/L	100
34) Trichloroethene	5.918	95	19298	9.222	ug/L	99
35) Methylcyclohexane	6.133	83	27321	8.749	ug/L	93
37) 1,2-Dichloropropane	6.178	63	18615	9.509	ug/L #	93
38) Bromodichloromethane	6.513	83	23540	9.446	ug/L	99
39) cis-1,3-Dichloropropene	7.034	75	24290	8.139	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	49352	18.481	ug/L	98
42) Toluene	7.390	91	80223	9.849	ug/L	99
44) trans-1,3-Dichloropropene	7.657	75	23481	8.402	ug/L	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.841	97	20143	10.168	ug/L	98
46) Tetrachloroethene	7.979	164	15828	9.631	ug/L	95
48) 2-Hexanone	8.143	43	37127	17.999	ug/L	97
49) Dibromochloromethane	8.246	129	18775	8.858	ug/L	100
50) 1,2-Dibromoethane	8.355	107	20471	9.634	ug/L	100
51) Chlorobenzene	8.882	112	53100	9.783	ug/L	98
52) Ethylbenzene	9.014	91	79957	9.126	ug/L	97
53) m,p-Xylene	9.143	106	30380	8.931	ug/L	100
54) o-Xylene	9.545	106	29267	8.709	ug/L	99
55) Styrene	9.564	104	49714	8.630	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.242	83	32257	10.971	ug/L	98
59) Bromoform	9.734	173	13497	9.632	ug/L	99
60) Isopropylbenzene	9.934	105	75778	9.194	ug/L	98
61) 1,2,3-Trichloropropane	10.275	75	24907	10.816	ug/L	99
62) 1,3,5-Trimethylbenzene	10.541	105	58617	8.487	ug/L	97
63) 1,2,4-Trimethylbenzene	10.918	105	58991	8.402	ug/L	99
64) 1,3-Dichlorobenzene	11.185	146	39284	9.394	ug/L	97
65) 1,4-Dichlorobenzene	11.275	146	40140	9.404	ug/L	97
67) 1,2-Dichlorobenzene	11.648	146	41736	10.020	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.432	75	5614	10.022	ug/L	94
69) 1,3,5-Trichlorobenzene	12.648	180	27624	8.917	ug/L	98
70) 1,2,4-trichlorobenzene	13.265	180	22102	8.179	ug/L	98
71) Naphthalene	13.506	128	59415	7.502	ug/L	100
72) 1,2,3-Trichlorobenzene	13.747	180	22651	8.504	ug/L	99

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

