

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052721\
 Data File : VW021438.D
 Acq On : 27 May 2021 10:50
 Operator : SY/MD
 Sample : VSTD01066
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010166

Manual Integrations
 APPROVED

MMDadoda
 5/28/2021 3:06:04 PM

Quant Time: May 28 02:38:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM052721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 28 02:37:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	503561	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	466468	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	259759	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	32970	13.54	ug/L	0.00
7) Chloroethane-d5	1.568	69	25100	12.02	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	56635	9.27	ug/L	0.00
21) 2-Butanone-d5	3.902	46	48138	25.18	ug/L	0.02
24) Chloroform-d	4.355	84	65793	9.46	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	37329	7.48	ug/L	0.00
32) Benzene-d6	5.053	84	131902	11.86	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.075	67	40297	13.41	ug/L	0.00
41) Toluene-d8	7.320	98	124938	11.05	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.628	79	21489	10.41	ug/L	0.00
47) 2-Hexanone-d5	8.095	63	38045	27.58	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	57319	12.32	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	54572	10.56	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	35311	8.90	ug/L	100
3) Chloromethane	1.240	50	35149	13.36	ug/L	100
5) Vinyl chloride	1.310	62	36136	11.44	ug/L	99
6) Bromomethane	1.523	94	24473	10.15	ug/L	99
8) Chloroethane	1.584	64	20785	10.51	ug/L	98
9) Trichlorofluoromethane	1.751	101	53442	7.16	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	30439	8.85	ug/L	98
12) 1,1-Dichloroethene	2.117	96	29969	9.61	ug/L	97
13) Acetone	2.182	43	43326m	20.70	ug/L	
14) Carbon disulfide	2.294	76	92996	11.40	ug/L	100
15) Methyl Acetate	2.436	43	36929	13.57	ug/L	97
16) Methylene chloride	2.506	84	37988	11.52	ug/L	98
17) trans-1,2-Dichloroethene	2.764	96	34078	10.61	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	107959	9.67	ug/L	99
19) 1,1-Dichloroethane	3.191	63	59549	10.69	ug/L	99
20) cis-1,2-Dichloroethene	3.918	96	37610	10.69	ug/L	97
22) 2-Butanone	3.985	43	52565	24.45	ug/L	94
23) Bromochloromethane	4.256	128	21356	10.73	ug/L	99
25) Chloroform	4.378	83	62659	8.97	ug/L	97
27) 1,2-Dichloroethane	5.137	62	41379	6.77	ug/L	100
29) Cyclohexane	4.680	56	55652	13.24	ug/L	98
30) 1,1,1-Trichloroethane	4.612	97	58694	8.43	ug/L	99
31) Carbon tetrachloride	4.831	117	52211	8.05	ug/L	97
33) Benzene	5.104	78	138565	11.37	ug/L	100
34) Trichloroethene	5.918	95	36922	9.64	ug/L	98
35) Methylcyclohexane	6.133	83	59397	11.59	ug/L	98
37) 1,2-Dichloropropane	6.178	63	33793	12.43	ug/L	99
38) Bromodichloromethane	6.513	83	48475	9.23	ug/L	99
39) cis-1,3-Dichloropropene	7.034	75	57570	11.37	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	97948	25.99	ug/L	99
42) Toluene	7.390	91	152211	10.82	ug/L	100
44) trans-1,3-Dichloropropene	7.657	75	54729	10.25	ug/L	100

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45) 1,1,2-Trichloroethane	7.844	97	35205	10.72	ug/L	97
46) Tetrachloroethene	7.979	164	33309	10.08	ug/L	97
48) 2-Hexanone	8.143	43	72847	24.46	ug/L	99
49) Dibromochloromethane	8.249	129	42828	9.43	ug/L	96
50) 1,2-Dibromoethane	8.355	107	39136	10.67	ug/L	100
51) Chlorobenzene	8.886	112	99541	10.32	ug/L	99
52) Ethylbenzene	9.014	91	166066	10.35	ug/L	98
53) m,p-Xylene	9.140	106	64479	10.26	ug/L	98
54) o-Xylene	9.545	106	63052	10.39	ug/L	98
55) Styrene	9.564	104	106199	10.25	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.242	83	56649	12.33	ug/L	99
59) Bromoform	9.734	173	36288	10.34	ug/L	98
60) Isopropylbenzene	9.934	105	171068	10.36	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	43888	10.36	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	144187	10.07	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	144124	10.00	ug/L	99
64) 1,3-Dichlorobenzene	11.185	146	82568	10.22	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	84616	10.23	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	83587	10.29	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	13674	9.60	ug/L	95
69) 1,3,5-Trichlorobenzene	12.647	180	67865	10.68	ug/L	98
70) 1,2,4-trichlorobenzene	13.265	180	60217	11.44	ug/L	98
71) Naphthalene	13.503	128	168504	11.62	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	59369	11.23	ug/L	100

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

