

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042121\
 Data File : VW021071.D
 Acq On : 21 Apr 2021 11:56
 Operator : SY/MD
 Sample : VSTD20061
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200161

Manual Integrations
 APPROVED

MMDadoda
 4/23/2021 2:48:56 PM

Quant Time: Apr 22 06:18:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 22 06:16:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	765919	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	771237	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	462756	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	1158458	252.99	ug/L	0.00
7) Chloroethane-d5	1.568	69	829988	235.38	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	2040975	214.44	ug/L	0.00
21) 2-Butanone-d5	3.899	46	1255144	452.27	ug/L	0.00
24) Chloroform-d	4.346	84	2030790	191.98	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	1308550	186.25	ug/L	0.00
32) Benzene-d6	5.050	84	3780623	195.38	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	1140334	209.25	ug/L	0.00
41) Toluene-d8	7.316	98	3826083	200.41	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	684625	210.25	ug/L	0.00
47) 2-Hexanone-d5	8.091	63	1062083	461.09	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.220	84	1762572	201.83	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.631	152	1725489	183.93	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	1273745	193.56	ug/L	100
3) Chloromethane	1.243	50	1112065	236.30	ug/L	99
5) Vinyl chloride	1.310	62	1171955	227.91	ug/L	99
6) Bromomethane	1.523	94	772578	210.86	ug/L	99
8) Chloroethane	1.587	64	674050	209.58	ug/L	97
9) Trichlorofluoromethane	1.754	101	1974655	173.50	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	1017824	187.55	ug/L	99
12) 1,1-Dichloroethene	2.117	96	942052	192.93	ug/L	93
13) Acetone	2.207	43	851071m	344.04	ug/L	
14) Carbon disulfide	2.291	76	2679589	199.95	ug/L	100
15) Methyl Acetate	2.439	43	852634	206.93	ug/L	98
16) Methylene chloride	2.506	84	945646	175.94	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	928355	182.75	ug/L	97
18) Methyl tert-butyl Ether	2.770	73	2926855	183.99	ug/L	99
19) 1,1-Dichloroethane	3.188	63	1603260	181.86	ug/L	98
20) cis-1,2-Dichloroethene	3.911	96	1006370	185.89	ug/L	98
22) 2-Butanone	3.982	43	1202101	401.54	ug/L	98
23) Bromochloromethane	4.246	128	557231	174.66	ug/L	97
25) Chloroform	4.374	83	1814709	166.54	ug/L	99
27) 1,2-Dichloroethane	5.130	62	1427078	169.93	ug/L	97
29) Cyclohexane	4.677	56	1402269	195.52	ug/L	97
30) 1,1,1-Trichloroethane	4.609	97	1733042	163.01	ug/L	99
31) Carbon tetrachloride	4.828	117	1616610	163.44	ug/L	99
33) Benzene	5.098	78	3676082	182.13	ug/L	100
34) Trichloroethene	5.915	95	1028537	177.74	ug/L	99
35) Methylcyclohexane	6.133	83	1638451	192.86	ug/L	98
37) 1,2-Dichloropropane	6.175	63	915014	188.32	ug/L	100
38) Bromodichloromethane	6.509	83	1411554	174.60	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	1633842	194.84	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	2359845	395.88	ug/L	98
42) Toluene	7.387	91	4252696	187.31	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	1689392	195.54	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.841	97	982189	177.84	ug/L	99
46) Tetrachloroethene	7.976	164	931120	171.45	ug/L	98
48) 2-Hexanone	8.143	43	1869585	402.20	ug/L	97
49) Dibromochloromethane	8.249	129	1266213	174.14	ug/L	98
50) 1,2-Dibromoethane	8.355	107	1105041	180.63	ug/L	96
51) Chlorobenzene	8.882	112	2874031	181.10	ug/L	98
52) Ethylbenzene	9.014	91	4904864	191.11	ug/L	99
53) m,p-Xylene	9.140	106	1900760	189.77	ug/L	97
54) o-Xylene	9.548	106	1871968	192.56	ug/L	99
55) Styrene	9.564	104	3248351	195.64	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.246	83	1613318	183.40	ug/L	100
59) Bromoform	9.734	173	987625	162.25	ug/L	99
60) Isopropylbenzene	9.934	105	5111003	182.13	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	1310943	173.08	ug/L	100
62) 1,3,5-Trimethylbenzene	10.545	105	4448918	185.50	ug/L	98
63) 1,2,4-Trimethylbenzene	10.921	105	4545076	187.39	ug/L	99
64) 1,3-Dichlorobenzene	11.188	146	2518612	175.97	ug/L	99
65) 1,4-Dichlorobenzene	11.278	146	2508952	167.77	ug/L	99
67) 1,2-Dichlorobenzene	11.651	146	2483872	167.96	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.435	75	426206	191.24	ug/L	98
69) 1,3,5-Trichlorobenzene	12.654	180	1992201	177.70	ug/L	99
70) 1,2,4-trichlorobenzene	13.268	180	1770073	190.66	ug/L	99
71) Naphthalene	13.509	128	5403700	220.35	ug/L	100
72) 1,2,3-Trichlorobenzene	13.754	180	1742894	186.30	ug/L	99

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

