

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022621\
 Data File : VW020396.D
 Acq On : 24 Feb 2021 15:10
 Operator : SY/MD
 Sample : VSTD01064
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010164

Manual Integrations
 APPROVED

MMDadoda
 3/1/2021 9:59:51 AM

Quant Time: Feb 24 17:32:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 24 17:31:31 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Difluorobenzene	5.622	114	553621	50.00 ug/L	0.00
28) Chlorobenzene-d5	8.857	117	536393	50.00 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	288749	50.00 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	1.307	65	27836	7.93 ug/L	0.00
7) Chloroethane-d5	1.571	69	26358	9.41 ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	58295	9.99 ug/L	0.00
21) 2-Butanone-d5	3.905	46	40151	17.33 ug/L	0.01
24) Chloroform-d	4.355	84	64826	9.74 ug/L	0.00
26) 1,2-Dichloroethane-d4	5.040	65	40627	9.59 ug/L	0.00
32) Benzene-d6	5.056	84	120423	9.19 ug/L	0.00
36) 1,2-Dichloropropane-d6	6.075	67	37030	8.77 ug/L	0.00
41) Toluene-d8	7.320	98	111097	8.92 ug/L	0.00
43) trans-1,3-Dichloroprop...	7.628	79	16164	7.88 ug/L	0.00
47) 2-Hexanone-d5	8.098	63	23602	13.33 ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.223	84	51009	8.64 ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.632	152	51493	9.69 ug/L	0.00
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.130	85	47080	11.74 ug/L	96
3) Chloromethane	1.243	50	40522	9.38 ug/L	97
5) Vinyl chloride	1.310	62	42485	10.67 ug/L	96
6) Bromomethane	1.523	94	28863	12.63 ug/L	98
8) Chloroethane	1.587	64	26959	11.03 ug/L	99
9) Trichlorofluoromethane	1.754	101	64549	11.13 ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	36199	11.74 ug/L	94
12) 1,1-Dichloroethene	2.121	96	33110	11.41 ug/L	97
13) Acetone	2.182	43	31203	20.71 ug/L	96
14) Carbon disulfide	2.297	76	83217	10.05 ug/L	98
15) Methyl Acetate	2.439	43	32300	9.73 ug/L	100
16) Methylene chloride	2.510	84	37833	10.94 ug/L	96
17) trans-1,2-Dichloroethene	2.764	96	34156	10.58 ug/L	99
18) Methyl tert-butyl Ether	2.770	73	100244	9.92 ug/L	98
19) 1,1-Dichloroethane	3.195	63	62810	10.53 ug/L	96
20) cis-1,2-Dichloroethene	3.921	96	37422	10.34 ug/L	92
22) 2-Butanone	3.992	43	40100	16.98 ug/L	92
23) Bromochloromethane	4.256	128	20421	10.29 ug/L	89
25) Chloroform	4.381	83	68981	10.64 ug/L	98
27) 1,2-Dichloroethane	5.140	62	52014	10.35 ug/L	98
29) Cyclohexane	4.683	56	47419	8.99 ug/L #	92
30) 1,1,1-Trichloroethane	4.613	97	57594	9.75 ug/L	97
31) Carbon tetrachloride	4.834	117	49319	9.62 ug/L	99
33) Benzene	5.104	78	138350	9.87 ug/L	100
34) Trichloroethene	5.921	95	41704	10.57 ug/L	98
35) Methylcyclohexane	6.133	83	51353	9.01 ug/L	99
37) 1,2-Dichloropropane	6.182	63	35388m	9.41 ug/L	
38) Bromodichloromethane	6.516	83	45836	9.01 ug/L	98
39) cis-1,3-Dichloropropene	7.034	75	48432	8.59 ug/L	99
40) 4-Methyl-2-pentanone	7.233	43	83283	16.56 ug/L	99
42) Toluene	7.394	91	148356	9.75 ug/L	100
44) trans-1,3-Dichloropropene	7.657	75	45323	8.32 ug/L	100

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45) 1,1,2-Trichloroethane	7.844	97	36154	9.94	ug/L	96
46) Tetrachloroethene	7.979	164	32079	9.99	ug/L	98
48) 2-Hexanone	8.146	43	63424	17.59	ug/L	97
49) Dibromochloromethane	8.252	129	36879	9.14	ug/L	95
50) 1,2-Dibromoethane	8.362	107	38245	9.89	ug/L	98
51) Chlorobenzene	8.886	112	105914	10.47	ug/L	97
52) Ethylbenzene	9.017	91	160029	9.59	ug/L	97
53) m,p-Xylene	9.143	106	61331	9.62	ug/L	98
54) o-Xylene	9.548	106	57587	9.15	ug/L	98
55) Styrene	9.567	104	98817	9.10	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.246	83	51218	8.70	ug/L	100
59) Bromoform	9.741	173	25002	8.02	ug/L	99
60) Isopropylbenzene	9.937	105	157352	9.48	ug/L	99
61) 1,2,3-Trichloropropane	10.281	75	48473	10.48	ug/L	99
62) 1,3,5-Trimethylbenzene	10.545	105	123514	8.77	ug/L	98
63) 1,2,4-Trimethylbenzene	10.921	105	122645	8.83	ug/L	99
64) 1,3-Dichlorobenzene	11.188	146	84197	10.05	ug/L	98
65) 1,4-Dichlorobenzene	11.278	146	90363	10.47	ug/L	98
67) 1,2-Dichlorobenzene	11.651	146	84551	10.01	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.435	75	9005	6.90	ug/L	94
69) 1,3,5-Trichlorobenzene	12.654	180	63762	9.13	ug/L	99
70) 1,2,4-trichlorobenzene	13.271	180	53446	8.38	ug/L	99
71) Naphthalene	13.512	128	129121	7.17	ug/L	100
72) 1,2,3-Trichlorobenzene	13.754	180	53734	8.43	ug/L	99

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

