

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042121\
 Data File : VW021068.D
 Acq On : 21 Apr 2021 10:27
 Operator : SY/MD
 Sample : VSTD01064
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010164

Manual Integrations
 APPROVED

MMDadoda
 4/23/2021 2:48:46 PM

Quant Time: Apr 22 06:17:08 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	637183	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	611646	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	329124	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	54848	14.40	ug/L	0.00
7) Chloroethane-d5	1.568	69	42156	14.37	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	101902	12.87	ug/L	0.00
21) 2-Butanone-d5	3.918	46	49995m	21.65	ug/L	0.01
24) Chloroform-d	4.349	84	97809	11.11	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	61030	10.44	ug/L	0.00
32) Benzene-d6	5.053	84	168182	10.96	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.075	67	51914	12.01	ug/L	0.00
41) Toluene-d8	7.320	98	158810	10.49	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.628	79	25148	9.74	ug/L	0.00
47) 2-Hexanone-d5	8.098	63	35353	19.35	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.223	84	75732	10.93	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.632	152	65596	9.83	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	65437	11.95	ug/L	99
3) Chloromethane	1.243	50	57675	14.73	ug/L	98
5) Vinyl chloride	1.314	62	56535	13.22	ug/L	99
6) Bromomethane	1.523	94	39153	12.84	ug/L	100
8) Chloroethane	1.587	64	34057	12.73	ug/L	93
9) Trichlorofluoromethane	1.754	101	104285	11.01	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	51983	11.51	ug/L	98
12) 1,1-Dichloroethene	2.117	96	46694	11.49	ug/L	97
13) Acetone	2.191	43	44589m	21.67	ug/L	
14) Carbon disulfide	2.294	76	121927	10.94	ug/L	99
15) Methyl Acetate	2.442	43	36040	10.51	ug/L	100
16) Methylene chloride	2.506	84	47674	10.66	ug/L	97
17) trans-1,2-Dichloroethene	2.760	96	42687	10.10	ug/L	98
18) Methyl tert-butyl Ether	2.770	73	129505	9.79	ug/L	98
19) 1,1-Dichloroethane	3.188	63	80480	10.97	ug/L	98
20) cis-1,2-Dichloroethene	3.915	96	46144	10.25	ug/L	90
22) 2-Butanone	4.011	43	50942m	20.45	ug/L	
23) Bromochloromethane	4.252	128	28238	10.64	ug/L	97
25) Chloroform	4.375	83	89876	9.91	ug/L	100
27) 1,2-Dichloroethane	5.137	62	72887	10.43	ug/L	98
29) Cyclohexane	4.677	56	61371	10.79	ug/L	97
30) 1,1,1-Trichloroethane	4.609	97	83196	9.87	ug/L	99
31) Carbon tetrachloride	4.828	117	74719	9.53	ug/L	95
33) Benzene	5.101	78	174700	10.91	ug/L	100
34) Trichloroethene	5.918	95	48982	10.67	ug/L	92
35) Methylcyclohexane	6.130	83	65854	9.77	ug/L	96
37) 1,2-Dichloropropane	6.175	63	44527	11.56	ug/L	# 92
38) Bromodichloromethane	6.513	83	67105	10.47	ug/L	99
39) cis-1,3-Dichloropropene	7.034	75	62171	9.35	ug/L	97
40) 4-Methyl-2-pentanone	7.233	43	95324	20.16	ug/L	96
42) Toluene	7.391	91	185955	10.33	ug/L	97
44) trans-1,3-Dichloropropene	7.657	75	63739	9.30	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.841	97	46523	10.62	ug/L	96
46) Tetrachloroethene	7.979	164	43591	10.12	ug/L	96
48) 2-Hexanone	8.146	43	71109	19.29	ug/L	99
49) Dibromochloromethane	8.249	129	52279	9.07	ug/L	99
50) 1,2-Dibromoethane	8.358	107	47709	9.83	ug/L	97
51) Chlorobenzene	8.886	112	126928	10.09	ug/L	97
52) Ethylbenzene	9.014	91	199483	9.80	ug/L	99
53) m,p-Xylene	9.143	106	73399	9.24	ug/L	100
54) o-Xylene	9.548	106	71108	9.22	ug/L	99
55) Styrene	9.567	104	119066	9.04	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.246	83	72597	10.41	ug/L	100
59) Bromoform	9.738	173	41386	9.56	ug/L	99
60) Isopropylbenzene	9.937	105	191612	9.60	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	57391	10.65	ug/L	98
62) 1,3,5-Trimethylbenzene	10.545	105	158571	9.30	ug/L	100
63) 1,2,4-Trimethylbenzene	10.921	105	154399	8.95	ug/L	98
64) 1,3-Dichlorobenzene	11.188	146	96713	9.50	ug/L	97
65) 1,4-Dichlorobenzene	11.278	146	101298	9.52	ug/L	99
67) 1,2-Dichlorobenzene	11.651	146	102988	9.79	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.435	75	16025	10.11	ug/L	84
69) 1,3,5-Trichlorobenzene	12.654	180	75684	9.49	ug/L	97
70) 1,2,4-trichlorobenzene	13.271	180	57390	8.69	ug/L	95
71) Naphthalene	13.512	128	132444	7.59	ug/L	99
72) 1,2,3-Trichlorobenzene	13.754	180	58675	8.82	ug/L	97

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

