

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022621\
 Data File : VW020395.D
 Acq On : 24 Feb 2021 14:46
 Operator : SY/MD
 Sample : VSTD00563
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005163

Manual Integrations
 APPROVED

MMDadoda
 3/1/2021 9:59:49 AM

Quant Time: Feb 24 17:32:07 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	5.619	114	550535	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	536685	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	281064	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	14166	4.06	ug/L	0.00
7) Chloroethane-d5	1.568	69	12279	4.41	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	29178	5.03	ug/L	0.00
21) 2-Butanone-d5	3.912	46	18588m	8.07	ug/L	0.02
24) Chloroform-d	4.352	84	30987	4.68	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.040	65	19841	4.71	ug/L	0.00
32) Benzene-d6	5.056	84	56975	4.35	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.076	67	18217	4.31	ug/L	0.00
41) Toluene-d8	7.320	98	52627	4.22	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.632	79	7591	3.70	ug/L	0.00
47) 2-Hexanone-d5	8.101	63	9767	5.51	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.223	84	22614	3.83	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.632	152	25271	4.88	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	23201	5.82	ug/L	99
3) Chloromethane	1.243	50	19382	4.51	ug/L	99
5) Vinyl chloride	1.310	62	21132	5.34	ug/L	97
6) Bromomethane	1.523	94	13580	5.98	ug/L	98
8) Chloroethane	1.587	64	13003	5.35	ug/L	90
9) Trichlorofluoromethane	1.754	101	31881	5.53	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	17594	5.74	ug/L	94
12) 1,1-Dichloroethene	2.121	96	15927	5.52	ug/L	96
13) Acetone	2.182	43	16185	10.80	ug/L	99
14) Carbon disulfide	2.294	76	40624	4.93	ug/L	99
15) Methyl Acetate	2.439	43	14394	4.36	ug/L	95
16) Methylene chloride	2.510	84	19088	5.55	ug/L	94
17) trans-1,2-Dichloroethene	2.764	96	16155	5.03	ug/L	100
18) Methyl tert-butyl Ether	2.770	73	47001	4.68	ug/L	99
19) 1,1-Dichloroethane	3.195	63	30060	5.07	ug/L	99
20) cis-1,2-Dichloroethene	3.918	96	17076	4.75	ug/L	92
22) 2-Butanone	4.002	43	18387	7.83	ug/L #	64
23) Bromochloromethane	4.252	128	9194	4.66	ug/L	97
25) Chloroform	4.381	83	32582	5.05	ug/L	99
27) 1,2-Dichloroethane	5.137	62	23562	4.71	ug/L #	93
29) Cyclohexane	4.677	56	22481	4.26	ug/L	98
30) 1,1,1-Trichloroethane	4.613	97	26809	4.53	ug/L	98
31) Carbon tetrachloride	4.831	117	23784	4.64	ug/L	98
33) Benzene	5.104	78	63468	4.52	ug/L	100
34) Trichloroethene	5.921	95	19813	5.02	ug/L	98
35) Methylcyclohexane	6.133	83	25170	4.41	ug/L	97
37) 1,2-Dichloropropane	6.178	63	15736	4.18	ug/L #	93
38) Bromodichloromethane	6.516	83	22267	4.38	ug/L	100
39) cis-1,3-Dichloropropene	7.034	75	21187	3.76	ug/L	99
40) 4-Methyl-2-pentanone	7.233	43	35332	7.02	ug/L	98
42) Toluene	7.394	91	66535	4.37	ug/L	97
44) trans-1,3-Dichloropropene	7.657	75	20522	3.77	ug/L	100

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45) 1,1,2-Trichloroethane	7.844	97	17147	4.71	ug/L	96
46) Tetrachloroethene	7.982	164	15300	4.76	ug/L	97
48) 2-Hexanone	8.149	43	26985	7.48	ug/L	98
49) Dibromochloromethane	8.252	129	15938	3.95	ug/L	94
50) 1,2-Dibromoethane	8.358	107	17222	4.45	ug/L	99
51) Chlorobenzene	8.886	112	50110	4.95	ug/L	98
52) Ethylbenzene	9.018	91	72974	4.37	ug/L	98
53) m,p-Xylene	9.146	106	26888	4.21	ug/L	99
54) o-Xylene	9.548	106	27207	4.32	ug/L	90
55) Styrene	9.567	104	41620	3.83	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.249	83	22433	3.81	ug/L	99
59) Bromoform	9.738	173	10955	3.61	ug/L	99
60) Isopropylbenzene	9.937	105	70993	4.40	ug/L	99
61) 1,2,3-Trichloropropane	10.281	75	22316	4.96	ug/L	99
62) 1,3,5-Trimethylbenzene	10.545	105	53668	3.92	ug/L	98
63) 1,2,4-Trimethylbenzene	10.921	105	54062	4.00	ug/L	99
64) 1,3-Dichlorobenzene	11.188	146	39671	4.86	ug/L	98
65) 1,4-Dichlorobenzene	11.281	146	42384	5.04	ug/L	100
67) 1,2-Dichlorobenzene	11.651	146	39122	4.76	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.439	75	3527	2.78	ug/L #	80
69) 1,3,5-Trichlorobenzene	12.654	180	30256	4.45	ug/L	99
70) 1,2,4-trichlorobenzene	13.271	180	23128	3.73	ug/L	99
71) Naphthalene	13.513	128	49224	2.81	ug/L	98
72) 1,2,3-Trichlorobenzene	13.754	180	22995	3.71	ug/L	99

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

