

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081621\
 Data File : VW021785.D
 Acq On : 16 Aug 2021 12:05
 Operator : SY/MD
 Sample : VSTD00543
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005243

Manual Integrations
 APPROVED

MMDadoda
 8/18/2021 1:45:54 PM

Quant Time: Aug 17 03:53:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 17 03:48:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	450761	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	422458	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	204349	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	17363	4.758	ug/L	0.00
7) Chloroethane-d5	1.561	69	13841	5.128	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	27645	4.208	ug/L	0.00
21) 2-Butanone-d5	3.899	46	21928m	11.805	ug/L	0.02
24) Chloroform-d	4.355	84	30090	4.658	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.040	65	17198	4.288	ug/L	0.00
32) Benzene-d6	5.056	84	59969	5.295	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.075	67	18793	5.487	ug/L	0.00
41) Toluene-d8	7.320	98	54711	5.062	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.632	79	8694	4.757	ug/L	0.00
47) 2-Hexanone-d5	8.098	63	10649	8.250	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.220	84	21132	4.243	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.628	152	22501	5.576	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	16993	3.880	ug/L	98
3) Chloromethane	1.243	50	17523	4.488	ug/L	93
5) Vinyl chloride	1.310	62	17465	4.415	ug/L	100
6) Bromomethane	1.513	94	12037	4.519	ug/L	100
8) Chloroethane	1.580	64	10126	4.288	ug/L	97
9) Trichlorofluoromethane	1.751	101	23490	3.491	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	13441	3.916	ug/L	99
12) 1,1-Dichloroethene	2.117	96	12717	4.054	ug/L	96
13) Acetone	2.159	43	17562	9.847	ug/L #	100
14) Carbon disulfide	2.291	76	46434	5.132	ug/L	98
15) Methyl Acetate	2.433	43	16769	5.623	ug/L	97
16) Methylene chloride	2.506	84	25555	7.400	ug/L	98
17) trans-1,2-Dichloroethene	2.760	96	15574	4.933	ug/L	98
18) Methyl tert-butyl Ether	2.770	73	47545	4.903	ug/L	97
19) 1,1-Dichloroethane	3.191	63	27672	4.865	ug/L	95
20) cis-1,2-Dichloroethene	3.918	96	17424	5.133	ug/L	97
22) 2-Butanone	3.979	43	25307m	11.838	ug/L	
23) Bromochloromethane	4.256	128	9334	4.855	ug/L	92
25) Chloroform	4.381	83	28276	4.505	ug/L	97
27) 1,2-Dichloroethane	5.137	62	19886	4.055	ug/L	96
29) Cyclohexane	4.680	56	24961	5.537	ug/L	98
30) 1,1,1-Trichloroethane	4.609	97	24914	4.421	ug/L	100
31) Carbon tetrachloride	4.831	117	20839	4.066	ug/L	99
33) Benzene	5.104	78	61975	5.092	ug/L	100
34) Trichloroethene	5.921	95	19694	5.848	ug/L	93
35) Methylcyclohexane	6.133	83	26125	5.202	ug/L	97
37) 1,2-Dichloropropane	6.178	63	15324	5.122	ug/L	100
38) Bromodichloromethane	6.516	83	19723	4.366	ug/L	99
39) cis-1,3-Dichloropropene	7.037	75	24190	5.027	ug/L	97
40) 4-Methyl-2-pentanone	7.233	43	43563	11.698	ug/L	99
42) Toluene	7.394	91	66146	5.014	ug/L	99
44) trans-1,3-Dichloropropene	7.661	75	21248	4.318	ug/L	96

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45) 1,1,2-Trichloroethane	7.847	97	15481	4.816	ug/L	99
46) Tetrachloroethene	7.982	164	12995	4.454	ug/L	97
48) 2-Hexanone	8.146	43	31847	10.937	ug/L	97
49) Dibromochloromethane	8.249	129	15346	3.974	ug/L	100
50) 1,2-Dibromoethane	8.358	107	16780	4.838	ug/L	91
51) Chlorobenzene	8.886	112	43536	4.818	ug/L	98
52) Ethylbenzene	9.017	91	68239	4.709	ug/L	97
53) m,p-Xylene	9.143	106	25947	4.700	ug/L	99
54) o-Xylene	9.548	106	26259	4.818	ug/L	100
55) Styrene	9.567	104	41900	4.565	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.246	83	19230	3.847	ug/L	98
59) Bromoform	9.738	173	10263	4.026	ug/L	98
60) Isopropylbenzene	9.934	105	68144	5.404	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	19678	5.540	ug/L	98
62) 1,3,5-Trimethylbenzene	10.542	105	54718	5.130	ug/L	99
63) 1,2,4-Trimethylbenzene	10.918	105	54832	5.133	ug/L	100
64) 1,3-Dichlorobenzene	11.185	146	32481	5.200	ug/L	99
65) 1,4-Dichlorobenzene	11.278	146	33224	5.191	ug/L	97
67) 1,2-Dichlorobenzene	11.648	146	32444	5.033	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.432	75	3711	3.613	ug/L	98
69) 1,3,5-Trichlorobenzene	12.648	180	22094	4.603	ug/L	98
70) 1,2,4-trichlorobenzene	13.265	180	17246	4.363	ug/L	100
71) Naphthalene	13.506	128	46042	4.173	ug/L	100
72) 1,2,3-Trichlorobenzene	13.747	180	18293	4.592	ug/L	97

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

