

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071921\
 Data File : VW021678.D
 Acq On : 19 Jul 2021 13:25
 Operator : SY/MD
 Sample : VSTD05027
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050227

Quant Time: Jul 20 01:28:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 20 01:26:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	434836	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	406968	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	213578	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	150075	53.477	ug/L	0.00
7) Chloroethane-d5	1.558	69	115926	51.440	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	238079	47.279	ug/L	0.00
21) 2-Butanone-d5	3.873	46	233133	99.525	ug/L	0.00
24) Chloroform-d	4.349	84	280647	48.689	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.031	65	168083	49.438	ug/L	0.00
32) Benzene-d6	5.050	84	571701	49.363	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	177683	48.564	ug/L	0.00
41) Toluene-d8	7.317	98	529783	49.359	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	89787	49.378	ug/L	0.00
47) 2-Hexanone-d5	8.088	63	165816	98.672	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	244212	49.974	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	211304	48.966	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	119106	32.912	ug/L	100
3) Chloromethane	1.240	50	119558	34.355	ug/L	100
5) Vinyl chloride	1.307	62	119650	34.332	ug/L	99
6) Bromomethane	1.507	94	73104	38.750	ug/L	98
8) Chloroethane	1.577	64	71834	35.966	ug/L	99
9) Trichlorofluoromethane	1.748	101	165993	37.066	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	92849	36.616	ug/L	99
12) 1,1-Dichloroethene	2.114	96	87752	36.136	ug/L	92
13) Acetone	2.159	43	119020	65.633	ug/L	99
14) Carbon disulfide	2.291	76	262559	31.322	ug/L	99
15) Methyl Acetate	2.426	43	128027	36.109	ug/L	100
16) Methylene chloride	2.503	84	123616	37.102	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	105732	35.688	ug/L	100
18) Methyl tert-butyl Ether	2.767	73	356776	36.854	ug/L	99
19) 1,1-Dichloroethane	3.188	63	201081	37.003	ug/L	98
20) cis-1,2-Dichloroethene	3.912	96	121142	36.502	ug/L	99
22) 2-Butanone	3.957	43	187623	72.418	ug/L	98
23) Bromochloromethane	4.249	128	64105	36.627	ug/L	98
25) Chloroform	4.378	83	207189	37.341	ug/L	97
27) 1,2-Dichloroethane	5.133	62	151648	37.769	ug/L	99
29) Cyclohexane	4.677	56	169183	33.600	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	182671	36.032	ug/L	100
31) Carbon tetrachloride	4.828	117	158077	35.656	ug/L	99
33) Benzene	5.101	78	450835	36.718	ug/L	100
34) Trichloroethene	5.915	95	118962	35.915	ug/L	98
35) Methylcyclohexane	6.133	83	173899	33.422	ug/L	99
37) 1,2-Dichloropropane	6.175	63	115678	36.021	ug/L	100
38) Bromodichloromethane	6.513	83	158421	36.791	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	183268	34.900	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	349260	74.585	ug/L	100
42) Toluene	7.391	91	484641	36.888	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	180856	36.903	ug/L	99

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45) 1,1,2-Trichloroethane	7.841	97	118459	37.674	ug/L	99
46) Tetrachloroethene	7.979	164	92048	35.043	ug/L	98
48) 2-Hexanone	8.140	43	271016	73.545	ug/L	99
49) Dibromochloromethane	8.249	129	134783	37.462	ug/L	98
50) 1,2-Dibromoethane	8.355	107	126297	36.817	ug/L	98
51) Chlorobenzene	8.883	112	314717	36.780	ug/L	99
52) Ethylbenzene	9.014	91	513802	36.039	ug/L	99
53) m,p-Xylene	9.140	106	201834	36.885	ug/L	96
54) o-Xylene	9.545	106	200652	36.736	ug/L	100
55) Styrene	9.561	104	344749	37.295	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	186387	38.128	ug/L	99
59) Bromoform	9.735	173	98501	36.271	ug/L	97
60) Isopropylbenzene	9.934	105	524468	36.268	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	152567	37.147	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	447393	36.316	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	452719	36.367	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	250843	36.867	ug/L	100
65) 1,4-Dichlorobenzene	11.275	146	247590	36.330	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	255934	37.469	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	42941	35.870	ug/L	96
69) 1,3,5-Trichlorobenzene	12.648	180	185325	36.496	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	158514	36.190	ug/L	99
71) Naphthalene	13.503	128	477434	35.752	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	160129	36.774	ug/L	98

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

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