

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062921\
 Data File : VW021571.D
 Acq On : 29 Jun 2021 09:55
 Operator : SY/MD
 Sample : VSTD00566
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005166

Manual Integrations
 APPROVED

MMDadoda
 7/2/2021 4:09:44 PM

Quant Time: Jun 30 03:56:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 30 03:55:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	491626	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	454255	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	229180	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	16225	5.040	ug/L	0.00
7) Chloroethane-d5	1.564	69	13361	5.458	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	30253	5.413	ug/L	0.00
21) 2-Butanone-d5	3.912	46	22956	9.533	ug/L	0.01
24) Chloroform-d	4.349	84	33211	5.125	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	19244	5.129	ug/L	0.00
32) Benzene-d6	5.050	84	66032	5.190	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	21043	5.350	ug/L	0.00
41) Toluene-d8	7.317	98	60731	5.044	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.629	79	9995	4.810	ug/L	0.00
47) 2-Hexanone-d5	8.095	63	14784	8.108	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	26124	4.793	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.628	152	23119	4.882	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	23732	6.602	ug/L	100
3) Chloromethane	1.240	50	23112	6.521	ug/L	99
5) Vinyl chloride	1.307	62	22203	6.183	ug/L	95
6) Bromomethane	1.519	94	14386	5.888	ug/L	95
8) Chloroethane	1.581	64	12735	6.179	ug/L	99
9) Trichlorofluoromethane	1.748	101	28775	5.573	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	16300	5.424	ug/L	96
12) 1,1-Dichloroethene	2.114	96	15153	5.247	ug/L	96
13) Acetone	2.179	43	29729	14.341	ug/L #	100
14) Carbon disulfide	2.291	76	54488	5.873	ug/L	98
15) Methyl Acetate	2.436	43	20081	5.602	ug/L	99
16) Methylene chloride	2.503	84	22466	6.135	ug/L	97
17) trans-1,2-Dichloroethene	2.761	96	18189	5.468	ug/L	99
18) Methyl tert-butyl Ether	2.764	73	58403	5.498	ug/L	98
19) 1,1-Dichloroethane	3.188	63	33392	5.630	ug/L	97
20) cis-1,2-Dichloroethene	3.912	96	20137	5.403	ug/L	98
22) 2-Butanone	3.986	43	34677m	13.111	ug/L	
23) Bromochloromethane	4.249	128	10645	5.214	ug/L	95
25) Chloroform	4.375	83	34096	5.558	ug/L	98
27) 1,2-Dichloroethane	5.133	62	24559	5.740	ug/L	97
29) Cyclohexane	4.674	56	31284	5.831	ug/L	97
30) 1,1,1-Trichloroethane	4.606	97	31088	5.529	ug/L	98
31) Carbon tetrachloride	4.825	117	27365	5.387	ug/L	100
33) Benzene	5.098	78	73439	5.568	ug/L	100
34) Trichloroethene	5.915	95	20765	5.825	ug/L	99
35) Methylcyclohexane	6.130	83	33108	5.778	ug/L	96
37) 1,2-Dichloropropane	6.172	63	19823	5.902	ug/L	98
38) Bromodichloromethane	6.513	83	26095	5.565	ug/L	96
39) cis-1,3-Dichloropropene	7.030	75	31948	5.674	ug/L	96
40) 4-Methyl-2-pentanone	7.230	43	52467	11.289	ug/L	99
42) Toluene	7.387	91	79502	5.477	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	28226	5.289	ug/L	99

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45) 1,1,2-Trichloroethane	7.841	97	19023	5.610	ug/L	98
46) Tetrachloroethene	7.976	164	16633	5.216	ug/L	97
48) 2-Hexanone	8.143	43	45220	12.646	ug/L	97
49) Dibromochloromethane	8.246	129	21024	5.015	ug/L	99
50) 1,2-Dibromoethane	8.355	107	20175	5.395	ug/L #	100
51) Chlorobenzene	8.883	112	52014	5.441	ug/L	96
52) Ethylbenzene	9.014	91	86474	5.440	ug/L	98
53) m,p-Xylene	9.140	106	32516	5.326	ug/L	95
54) o-Xylene	9.545	106	32516	5.380	ug/L	99
55) Styrene	9.564	104	54100	5.220	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	27219	5.112	ug/L	97
59) Bromoform	9.731	173	14814	4.821	ug/L	99
60) Isopropylbenzene	9.931	105	85370	5.895	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	23935	6.367	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	72480	5.823	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	73118	5.816	ug/L	98
64) 1,3-Dichlorobenzene	11.185	146	39988	5.555	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	40105	5.519	ug/L	97
67) 1,2-Dichlorobenzene	11.644	146	39138	5.409	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	6093	5.214	ug/L	88
69) 1,3,5-Trichlorobenzene	12.648	180	28043	4.716	ug/L	98
70) 1,2,4-trichlorobenzene	13.265	180	21495	4.074	ug/L	99
71) Naphthalene	13.506	128	55499	3.741	ug/L	99
72) 1,2,3-Trichlorobenzene	13.747	180	21039	4.080	ug/L	98

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

