

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081621\
 Data File : VW021779.D
 Acq On : 16 Aug 2021 09:30
 Operator : SY/MD
 Sample : VSTD00538
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005238

Manual Integrations
 APPROVED

MMDadoda
 8/18/2021 1:45:48 PM

Quant Time: Aug 17 03:50:45 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	5.616	114	163410	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	150943	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	72638	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	10982	8.301	ug/L	0.00
7) Chloroethane-d5	1.564	69	8306	8.488	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	17070	7.168	ug/L	0.00
21) 2-Butanone-d5	3.902	46	10277m	15.262	ug/L	0.03
24) Chloroform-d	4.352	84	17210	7.349	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.040	65	10120	6.960	ug/L	0.00
32) Benzene-d6	5.053	84	36233	8.955	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	11726	9.582	ug/L	0.00
41) Toluene-d8	7.320	98	32780	8.489	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.632	79	5062	7.752	ug/L	0.00
47) 2-Hexanone-d5	8.101	63	4497	9.751	ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	10.220	84	10918	6.135	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.628	152	12048	8.400	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	9109	5.737	ug/L	93
3) Chloromethane	1.243	50	9320	6.584	ug/L	96
5) Vinyl chloride	1.310	62	9024	6.293	ug/L	97
6) Bromomethane	1.516	94	6135	6.353	ug/L	95
8) Chloroethane	1.581	64	5695	6.652	ug/L	95
9) Trichlorofluoromethane	1.751	101	11703	4.797	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	7003	5.629	ug/L	98
12) 1,1-Dichloroethene	2.114	96	6407	5.634	ug/L #	68
13) Acetone	2.159	43	12023	18.596	ug/L #	100
14) Carbon disulfide	2.291	76	22893	6.980	ug/L	98
15) Methyl Acetate	2.433	43	8000	7.400	ug/L	92
16) Methylene chloride	2.503	84	9401	7.509	ug/L	97
17) trans-1,2-Dichloroethene	2.761	96	7696	6.725	ug/L	97
18) Methyl tert-butyl Ether	2.764	73	22674	6.449	ug/L	98
19) 1,1-Dichloroethane	3.188	63	14103	6.839	ug/L	98
20) cis-1,2-Dichloroethene	3.912	96	8243	6.698	ug/L	99
22) 2-Butanone	3.982	43	12586m	16.241	ug/L	
23) Bromochloromethane	4.252	128	4345	6.234	ug/L	95
25) Chloroform	4.378	83	13939	6.125	ug/L	95
27) 1,2-Dichloroethane	5.137	62	9639	5.422	ug/L	97
29) Cyclohexane	4.677	56	12161	7.549	ug/L #	88
30) 1,1,1-Trichloroethane	4.609	97	12707	6.311	ug/L #	86
31) Carbon tetrachloride	4.825	117	10168	5.552	ug/L	99
33) Benzene	5.101	78	29294	6.736	ug/L	100
34) Trichloroethene	5.918	95	9435	7.841	ug/L	98
35) Methylcyclohexane	6.127	83	12415	6.919	ug/L	97
37) 1,2-Dichloropropane	6.178	63	7528	7.042	ug/L #	97
38) Bromodichloromethane	6.513	83	9864	6.111	ug/L	95
39) cis-1,3-Dichloropropene	7.034	75	10624	6.180	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	17940	13.483	ug/L	98
42) Toluene	7.394	91	30811	6.536	ug/L	97
44) trans-1,3-Dichloropropene	7.657	75	10207	5.806	ug/L	96

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45) 1,1,2-Trichloroethane	7.844	97	7797	6.789	ug/L	98
46) Tetrachloroethene	7.979	164	6208	5.955	ug/L	87
48) 2-Hexanone	8.146	43	15242	14.651	ug/L	96
49) Dibromochloromethane	8.249	129	7587	5.498	ug/L	93
50) 1,2-Dibromoethane	8.358	107	7616	6.146	ug/L #	93
51) Chlorobenzene	8.886	112	19951	6.179	ug/L	97
52) Ethylbenzene	9.018	91	32129	6.205	ug/L	97
53) m,p-Xylene	9.143	106	11786	5.975	ug/L	100
54) o-Xylene	9.545	106	12227	6.279	ug/L	97
55) Styrene	9.567	104	17634	5.377	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	7913	4.431	ug/L #	96
59) Bromoform	9.735	173	4801	5.298	ug/L	97
60) Isopropylbenzene	9.934	105	31884	7.113	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	8812	6.980	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	25563	6.743	ug/L	99
63) 1,2,4-Trimethylbenzene	10.918	105	25085	6.606	ug/L	98
64) 1,3-Dichlorobenzene	11.185	146	14821	6.676	ug/L	98
65) 1,4-Dichlorobenzene	11.278	146	15551	6.836	ug/L	96
67) 1,2-Dichlorobenzene	11.648	146	15529	6.778	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.432	75	1571	4.303	ug/L	87
69) 1,3,5-Trichlorobenzene	12.648	180	9808	5.748	ug/L	97
70) 1,2,4-trichlorobenzene	13.268	180	6279	4.469	ug/L	97
71) Naphthalene	13.509	128	12284	3.132	ug/L	99
72) 1,2,3-Trichlorobenzene	13.747	180	6135	4.333	ug/L	96

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

