

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081621\
 Data File : VW021780.D
 Acq On : 16 Aug 2021 09:54
 Operator : SY/MD
 Sample : VSTD01039
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010239

Manual Integrations
 APPROVED

MMDadoda
 8/18/2021 1:45:51 PM

Quant Time: Aug 17 03:51:14 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	450168	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	422561	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	208687	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	34394	9.437	ug/L	0.00
7) Chloroethane-d5	1.561	69	26456	9.814	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	53437	8.145	ug/L	0.00
21) 2-Butanone-d5	3.889	46	41016m	22.110	ug/L	0.01
24) Chloroform-d	4.352	84	59447	9.215	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	34308	8.565	ug/L	0.00
32) Benzene-d6	5.053	84	118574	10.468	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	36532	10.663	ug/L	0.00
41) Toluene-d8	7.320	98	108749	10.060	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.628	79	17377	9.506	ug/L	0.00
47) 2-Hexanone-d5	8.095	63	19973	15.470	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.220	84	40969	8.224	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.628	152	42765	10.378	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	34818	7.960	ug/L	99
3) Chloromethane	1.243	50	36667	9.403	ug/L	97
5) Vinyl chloride	1.310	62	35641	9.022	ug/L	99
6) Bromomethane	1.513	94	23371	8.785	ug/L	98
8) Chloroethane	1.581	64	22107	9.373	ug/L	99
9) Trichlorofluoromethane	1.748	101	48590	7.230	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	26842	7.832	ug/L	98
12) 1,1-Dichloroethene	2.117	96	25562	8.159	ug/L	89
13) Acetone	2.159	43	37239	20.908	ug/L #	100
14) Carbon disulfide	2.291	76	92729	10.263	ug/L	100
15) Methyl Acetate	2.429	43	34035	11.428	ug/L	97
16) Methylene chloride	2.507	84	36483	10.578	ug/L	98
17) trans-1,2-Dichloroethene	2.761	96	33228	10.539	ug/L	97
18) Methyl tert-butyl Ether	2.767	73	100265	10.352	ug/L	98
19) 1,1-Dichloroethane	3.191	63	59157	10.414	ug/L	98
20) cis-1,2-Dichloroethene	3.915	96	35500	10.471	ug/L	95
22) 2-Butanone	3.969	43	49962	23.402	ug/L	98
23) Bromochloromethane	4.252	128	18898	9.843	ug/L	98
25) Chloroform	4.378	83	62013	9.892	ug/L	97
27) 1,2-Dichloroethane	5.137	62	41702	8.516	ug/L	96
29) Cyclohexane	4.677	56	51160	11.345	ug/L	100
30) 1,1,1-Trichloroethane	4.613	97	53788	9.543	ug/L	99
31) Carbon tetrachloride	4.828	117	45711	8.916	ug/L	98
33) Benzene	5.101	78	130936	10.755	ug/L	100
34) Trichloroethene	5.918	95	39120	11.613	ug/L	97
35) Methylcyclohexane	6.133	83	53486	10.648	ug/L	100
37) 1,2-Dichloropropane	6.178	63	33699	11.260	ug/L	98
38) Bromodichloromethane	6.513	83	42654	9.439	ug/L	96
39) cis-1,3-Dichloropropene	7.034	75	47852	9.943	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	88806	23.842	ug/L	99
42) Toluene	7.391	91	137845	10.446	ug/L	98
44) trans-1,3-Dichloropropene	7.657	75	46785	9.505	ug/L	98

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45) 1,1,2-Trichloroethane	7.844	97	33638	10.463	ug/L	97
46) Tetrachloroethene	7.979	164	28049	9.611	ug/L	95
48) 2-Hexanone	8.143	43	71070	24.402	ug/L	98
49) Dibromochloromethane	8.249	129	35284	9.134	ug/L	100
50) 1,2-Dibromoethane	8.355	107	36235	10.445	ug/L	98
51) Chlorobenzene	8.886	112	89762	9.931	ug/L	98
52) Ethylbenzene	9.014	91	147617	10.184	ug/L	98
53) m,p-Xylene	9.143	106	56737	10.274	ug/L	95
54) o-Xylene	9.545	106	55953	10.264	ug/L	99
55) Styrene	9.564	104	90800	9.890	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	40402	8.081	ug/L	99
59) Bromoform	9.735	173	23808	9.145	ug/L	98
60) Isopropylbenzene	9.934	105	144721	11.238	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	41263	11.376	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	119010	10.927	ug/L	100
63) 1,2,4-Trimethylbenzene	10.918	105	120068	11.006	ug/L	98
64) 1,3-Dichlorobenzene	11.185	146	68746	10.778	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	67306	10.298	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	71332	10.837	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.432	75	8180	7.798	ug/L	96
69) 1,3,5-Trichlorobenzene	12.648	180	46324	9.450	ug/L	99
70) 1,2,4-trichlorobenzene	13.265	180	36637	9.076	ug/L	99
71) Naphthalene	13.506	128	94009	8.343	ug/L	98
72) 1,2,3-Trichlorobenzene	13.747	180	37371	9.186	ug/L	99

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

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