

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012921\
 Data File : VW020210.D
 Acq On : 28 Jan 2021 10:56
 Operator : SY/MD
 Sample : VSTD01066
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010705

Quant Time: Jan 28 12:07:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 28 11:45:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	457919	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.859	117	438838	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.257	152	254881	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.303	65	315920	9.74	ug/L	0.00
7) Chloroethane-d5	1.566	69	268188	9.59	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.106	63	415346	9.18	ug/L	0.00
20) 2-Butanone-d5	3.920	46	659998	101.26	ug/L	0.00
24) Chloroform-d	4.351	84	606150	9.66	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.036	65	298535	9.61	ug/L	0.00
32) Benzene-d6	5.052	84	1152566	9.87	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.074	67	342309	9.93	ug/L	0.00
41) Toluene-d8	7.318	98	1090866	10.10	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.624	79	134567	10.47	ug/L	0.00
46) 2-Hexanone-d5	8.093	63	552846	103.78	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.222	84	250011	10.74	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.633	152	408757	9.21	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.129	85	420861	9.34	ug/L	99
3) Chloromethane	1.238	50	408340	9.24	ug/L	100
5) Vinyl chloride	1.309	62	393450	9.28	ug/L	99
6) Bromomethane	1.518	94	226251	9.24	ug/L	99
8) Chloroethane	1.582	64	238543	9.57	ug/L	99
9) Trichlorofluoromethane	1.750	101	498492	9.81	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.113	101	234452	8.96	ug/L #	81
12) 1,1-Dichloroethene	2.113	96	228851	9.02	ug/L	84
13) Acetone	2.222	43	399639	101.68	ug/L	63
14) Carbon disulfide	2.290	76	947377	9.90	ug/L	99
15) Methyl Acetate	2.447	43	109650	9.80	ug/L #	75
16) Methylene chloride	2.505	84	307763	9.07	ug/L	91
17) Methyl tert-butyl Ether	2.775	73	667594	9.54	ug/L	97
18) trans-1,2-Dichloroethene	2.759	96	318175	9.45	ug/L	92
19) 1,1-Dichloroethane	3.190	63	573834	9.51	ug/L	100
21) 2-Butanone	4.003	43	688248	98.72	ug/L	96
22) cis-1,2-Dichloroethene	3.913	96	334617	9.65	ug/L	90
23) Bromochloromethane	4.251	128	145814	9.65	ug/L	84
25) Chloroform	4.380	83	592271	9.50	ug/L	99
27) 1,2-Dichloroethane	5.135	62	353994	9.52	ug/L	99
29) 1,1,1-Trichloroethane	4.611	97	535356	9.75	ug/L	97
30) Cyclohexane	4.679	56	504512	9.63	ug/L	94
31) Carbon tetrachloride	4.830	117	464600	9.65	ug/L	99
33) Benzene	5.103	78	1258346	9.72	ug/L	100
34) Trichloroethene	5.917	95	338982	9.45	ug/L	89
35) Methylcyclohexane	6.135	83	531473	9.82	ug/L	94
37) 1,2-Dichloropropane	6.177	63	307555	9.80	ug/L	99
38) Bromodichloromethane	6.515	83	401662	9.77	ug/L	98
39) cis-1,3-Dichloropropene	7.032	75	457613	10.46	ug/L	99
40) 4-Methyl-2-pentanone	7.232	43	1712913	98.23	ug/L	96
42) Toluene	7.392	91	1374932	9.97	ug/L	99
44) trans-1,3-Dichloropropene	7.656	75	378599	10.32	ug/L	98

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45) 1,1,2-Trichloroethane	7.843	97	211608	9.64	ug/L	98
47) Tetrachloroethene	7.978	164	291947	9.51	ug/L	92
48) 2-Hexanone	8.145	43	1211462	99.96	ug/L	96
49) Dibromochloromethane	8.251	129	265021	10.11	ug/L	98
50) 1,2-Dibromoethane	8.357	107	204490	9.74	ug/L #	99
51) Chlorobenzene	8.884	112	876076	9.63	ug/L	95
52) Ethylbenzene	9.016	91	1530344	9.91	ug/L	98
53) m,p-xylene	9.142	106	579470	10.06	ug/L	96
54) o-xylene	9.550	106	557957	10.02	ug/L	98
55) Styrene	9.566	104	967034	10.24	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.248	83	244919	10.44	ug/L	97
59) Bromoform	9.736	173	146555	9.87	ug/L #	96
60) Isopropylbenzene	9.936	105	1523249	10.00	ug/L	98
61) 1,2,3-Trichloropropane	10.280	75	178991	10.02	ug/L	97
62) 1,3,5-Trimethylbenzene	10.543	105	1289390	10.24	ug/L	96
63) 1,2,4-Trimethylbenzene	10.920	105	1319455	10.22	ug/L	97
64) 1,3-Dichlorobenzene	11.186	146	763528	9.63	ug/L	97
65) 1,4-Dichlorobenzene	11.280	146	760997	9.48	ug/L	96
67) 1,2-Dichlorobenzene	11.649	146	681169	9.49	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.437	75	40474	9.61	ug/L #	77
69) 1,3,5-Trichlorobenzene	12.653	180	664144	9.72	ug/L	98
70) 1,2,4-trichlorobenzene	13.270	180	550040	9.92	ug/L	97
71) Naphthalene	13.511	128	803779	10.65	ug/L	100
72) 1,2,3-Trichlorobenzene	13.752	180	485591	9.89	ug/L	96

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

