

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100721\
 Data File : VW022658.D
 Acq On : 07 Oct 2021 12:08
 Operator : SY/MD
 Sample : VSTD0.535
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5235

Manual Integrations
 APPROVED

MMDadoda
 10/11/2021 12:56:24 PM

Quant Time: Oct 08 02:33:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 08 02:32:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	131296	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.860	117	123257	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	60346	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	4354	0.839	ug/L	0.00
7) Chloroethane-d5	1.571	69	3943	0.638	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.114	63	8799	0.661	ug/L	0.00
20) 2-Butanone-d5	3.976	46	12564	5.024	ug/L	0.00
24) Chloroform-d	4.345	84	9179	0.551	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.046	65	4293	0.540	ug/L	0.00
32) Benzene-d6	5.050	84	16942	0.582	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.088	67	5349	0.531	ug/L	0.00
41) Toluene-d8	7.332	98	13736	0.550	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.644	79	1638	0.588	ug/L	0.00
46) 2-Hexanone-d5	8.114	63	4914	3.110	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.223	84	3158	0.422	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.628	152	5717	0.586	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	5315	0.543	ug/L	93
3) Chloromethane	1.233	50	5195	0.530	ug/L	94
5) Vinyl chloride	1.307	62	5519	0.555	ug/L	99
6) Bromomethane	1.526	94	3397	0.516	ug/L	96
8) Chloroethane	1.590	64	3758	0.594	ug/L	90
9) Trichlorofluoromethane	1.760	101	7742	0.518	ug/L	90
10) 1,1,2-Trichloro-1,2,2-...	2.124	101	4379	0.514	ug/L	95
12) 1,1-Dichloroethene	2.124	96	4344	0.553	ug/L	82
13) Acetone	2.262	43	9278	6.830	ug/L	93
14) Carbon disulfide	2.297	76	11773	0.511	ug/L	95
15) Methyl Acetate	2.465	43	1892	0.503	ug/L #	85
16) Methylene chloride	2.510	84	8713	0.946	ug/L	98
17) Methyl tert-butyl Ether	2.786	73	10353	0.515	ug/L	97
18) trans-1,2-Dichloroethene	2.757	96	4847	0.566	ug/L	88
19) 1,1-Dichloroethane	3.185	63	8610	0.556	ug/L	99
21) 2-Butanone	4.063	43	14037m	6.527	ug/L	
22) cis-1,2-Dichloroethene	3.905	96	4905	0.526	ug/L	92
23) Bromochloromethane	4.239	128	2104	0.476	ug/L	93
25) Chloroform	4.374	83	10232	0.593	ug/L	95
27) 1,2-Dichloroethane	5.140	62	4847	0.537	ug/L	94
29) 1,1,1-Trichloroethane	4.599	97	7762	0.567	ug/L	98
30) Cyclohexane	4.661	56	6857	0.551	ug/L	97
31) Carbon tetrachloride	4.815	117	6427	0.527	ug/L	100
33) Benzene	5.098	78	17058	0.527	ug/L	100
34) Trichloroethene	5.924	95	5282	0.562	ug/L	87
35) Methylcyclohexane	6.140	83	6062	0.465	ug/L	93
37) 1,2-Dichloropropane	6.194	63	4259	0.535	ug/L #	90
38) Bromodichloromethane	6.532	83	5176	0.516	ug/L	92
39) cis-1,3-Dichloropropene	7.050	75	4965	0.462	ug/L	99
40) 4-Methyl-2-pentanone	7.255	43	19891	4.549	ug/L	98
42) Toluene	7.403	91	16109	0.473	ug/L	84
44) trans-1,3-Dichloropropene	7.670	75	3524	0.396	ug/L	95

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45) 1,1,2-Trichloroethane	7.857	97	3022	0.509	ug/L	93
47) Tetrachloroethene	7.982	164	3913	0.533	ug/L	94
48) 2-Hexanone	8.162	43	13461	4.221	ug/L	96
49) Dibromochloromethane	8.255	129	3365	0.482	ug/L	98
50) 1,2-Dibromoethane	8.368	107	2837	0.515	ug/L #	87
51) Chlorobenzene	8.889	112	11578	0.519	ug/L	97
52) Ethylbenzene	9.017	91	16141	0.463	ug/L	95
53) m,p-xylene	9.146	106	6269	0.468	ug/L	98
54) o-xylene	9.551	106	5773	0.438	ug/L	87
55) Styrene	9.567	104	8720	0.388	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.246	83	2716	0.424	ug/L	98
59) Bromoform	9.734	173	1679	0.485	ug/L #	37
60) Isopropylbenzene	9.934	105	15185	0.482	ug/L	95
61) 1,2,3-Trichloropropane	10.281	75	2220	0.506	ug/L	96
62) 1,3,5-Trimethylbenzene	10.541	105	11514	0.452	ug/L	98
63) 1,2,4-Trimethylbenzene	10.918	105	11006	0.423	ug/L	98
64) 1,3-Dichlorobenzene	11.184	146	8348	0.512	ug/L	98
65) 1,4-Dichlorobenzene	11.274	146	8940	0.536	ug/L	90
67) 1,2-Dichlorobenzene	11.647	146	7952	0.524	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.429	75	338	0.410	ug/L #	71
69) 1,3,5-Trichlorobenzene	12.647	180	6271	0.513	ug/L	99
70) 1,2,4-trichlorobenzene	13.265	180	4476	0.458	ug/L	100
71) Naphthalene	13.506	128	6680	0.426	ug/L	98
72) 1,2,3-Trichlorobenzene	13.747	180	4045	0.452	ug/L	95

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

