

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100421\
 Data File : VW022553.D
 Acq On : 04 Oct 2021 13:28
 Operator : SY/MD
 Sample : VSTD0.530
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5230

Manual Integrations
 APPROVED

MMDadoda
 10/5/2021 12:45:00 PM

Quant Time: Oct 05 01:38:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 05 01:37:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	108900	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	102842	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	50584	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.294	65	1852	0.37	ug/L	0.00
7) Chloroethane-d5	1.555	69	2386	0.40	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.098	63	5266	0.43	ug/L	0.00
20) 2-Butanone-d5	3.966	46	9762m	4.50	ug/L	0.03
24) Chloroform-d	4.342	84	6735	0.44	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	3061	0.42	ug/L	0.00
32) Benzene-d6	5.040	84	11330	0.41	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	4131	0.48	ug/L	0.00
41) Toluene-d8	7.317	98	8914	0.36	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.628	79	984	0.37	ug/L	0.00
46) 2-Hexanone-d5	8.104	63	4848	2.99	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.220	84	2995	0.41	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.628	152	4284	0.47	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	3649	0.43	ug/L	96
3) Chloromethane	1.230	50	4002	0.47	ug/L	98
5) Vinyl chloride	1.297	62	3916	0.48	ug/L #	82
6) Bromomethane	1.510	94	2829	0.54	ug/L	84
8) Chloroethane	1.574	64	2874	0.55	ug/L	99
9) Trichlorofluoromethane	1.738	101	5679	0.49	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	3401	0.50	ug/L	99
12) 1,1-Dichloroethene	2.108	96	3300	0.53	ug/L	94
13) Acetone	2.288	43	6527m	5.30	ug/L	
14) Carbon disulfide	2.278	76	9164	0.44	ug/L	98
15) Methyl Acetate	2.471	43	1453m	0.50	ug/L	
16) Methylene chloride	2.497	84	4378	0.42	ug/L	98
17) Methyl tert-butyl Ether	2.773	73	8214	0.50	ug/L #	88
18) trans-1,2-Dichloroethene	2.748	96	3307	0.45	ug/L	87
19) 1,1-Dichloroethane	3.172	63	6027	0.47	ug/L	95
21) 2-Butanone	4.056	43	8254m	4.41	ug/L	
22) cis-1,2-Dichloroethene	3.899	96	3735	0.50	ug/L	96
23) Bromochloromethane	4.239	128	1760	0.51	ug/L	78
25) Chloroform	4.371	83	7093	0.53	ug/L	87
27) 1,2-Dichloroethane	5.137	62	3378	0.44	ug/L #	91
29) 1,1,1-Trichloroethane	4.593	97	5174	0.46	ug/L	94
30) Cyclohexane	4.657	56	4588	0.43	ug/L	91
31) Carbon tetrachloride	4.809	117	4332	0.46	ug/L	92
33) Benzene	5.088	78	11479	0.42	ug/L	100
34) Trichloroethene	5.908	95	4200	0.59	ug/L	92
35) Methylcyclohexane	6.120	83	4849	0.44	ug/L	96
37) 1,2-Dichloropropane	6.172	63	3022	0.44	ug/L #	86
38) Bromodichloromethane	6.510	83	3904	0.46	ug/L	94
39) cis-1,3-Dichloropropene	7.030	75	3675	0.40	ug/L	98
40) 4-Methyl-2-pentanone	7.246	43	14521	3.39	ug/L	98
42) Toluene	7.390	91	11639	0.40	ug/L	99
44) trans-1,3-Dichloropropene	7.657	75	2829	0.37	ug/L #	80

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.844	97	2255	0.43	ug/L	90
47) Tetrachloroethene	7.972	164	2706	0.46	ug/L	86
48) 2-Hexanone	8.156	43	9967	3.32	ug/L	98
49) Dibromochloromethane	8.246	129	2376	0.42	ug/L	97
50) 1,2-Dibromoethane	8.358	107	1955	0.41	ug/L #	95
51) Chlorobenzene	8.882	112	8298	0.44	ug/L	93
52) Ethylbenzene	9.011	91	11915	0.40	ug/L	93
53) m,p-xylene	9.140	106	4065	0.35	ug/L	100
54) o-xylene	9.545	106	4538	0.40	ug/L	82
55) Styrene	9.564	104	6669	0.35	ug/L	85
57) 1,1,2,2-Tetrachloroethane	10.242	83	2090	0.33	ug/L	92
59) Bromoform	9.731	173	1249	0.43	ug/L #	94
60) Isopropylbenzene	9.931	105	11169	0.40	ug/L	98
61) 1,2,3-Trichloropropane	10.278	75	1892	0.44	ug/L #	86
62) 1,3,5-Trimethylbenzene	10.538	105	8498	0.37	ug/L	99
63) 1,2,4-Trimethylbenzene	10.918	105	8312	0.36	ug/L	98
64) 1,3-Dichlorobenzene	11.185	146	5924	0.42	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	6585	0.47	ug/L	93
67) 1,2-Dichlorobenzene	11.644	146	5456	0.41	ug/L	92
68) 1,2-Dibromo-3-chloropr...	12.432	75	311	0.37	ug/L #	72
69) 1,3,5-Trichlorobenzene	12.648	180	4497	0.43	ug/L	94
70) 1,2,4-trichlorobenzene	13.265	180	3558	0.43	ug/L	95
71) Naphthalene	13.506	128	5472	0.37	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	3093	0.39	ug/L	98

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

