

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052121\
 Data File : VW021349.D
 Acq On : 21 May 2021 10:17
 Operator : SY/MD
 Sample : VSTD0.561
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5161

Manual Integrations
 APPROVED

MMDadoda
 5/25/2021 6:40:30 PM

Quant Time: May 21 11:54:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 21 11:53:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	315583	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	292792	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	161274	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	10280	0.52	ug/L	0.00
7) Chloroethane-d5	1.564	69	8472	0.53	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.104	63	18085	0.47	ug/L	0.00
20) 2-Butanone-d5	3.976	46	24961m	6.20	ug/L	0.05
24) Chloroform-d	4.352	84	21301	0.56	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.040	65	9992	0.55	ug/L	0.00
32) Benzene-d6	5.050	84	43677	0.61	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	14091	0.66	ug/L	0.00
41) Toluene-d8	7.316	98	41688	0.61	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.632	79	5853	0.71	ug/L	0.00
46) 2-Hexanone-d5	8.101	63	15256	5.21	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	7189	0.49	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	17475	0.62	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	12012	0.34	ug/L	100
3) Chloromethane	1.240	50	11616	0.38	ug/L	96
5) Vinyl chloride	1.307	62	10865	0.33	ug/L	100
6) Bromomethane	1.519	94	7123	0.34	ug/L	95
8) Chloroethane	1.580	64	6523	0.34	ug/L	95
9) Trichlorofluoromethane	1.751	101	16251	0.34	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	9518	0.38	ug/L	93
12) 1,1-Dichloroethene	2.114	96	9492	0.39	ug/L	90
13) Acetone	2.243	43	14813m	4.68	ug/L	
14) Carbon disulfide	2.288	76	31575	0.42	ug/L	99
15) Methyl Acetate	2.455	43	2888	0.37	ug/L #	71
16) Methylene chloride	2.503	84	17791	0.60	ug/L	93
17) Methyl tert-butyl Ether	2.770	73	24729	0.48	ug/L	98
18) trans-1,2-Dichloroethene	2.757	96	10321	0.40	ug/L	93
19) 1,1-Dichloroethane	3.188	63	18538	0.41	ug/L	99
21) 2-Butanone	4.037	43	24942m	5.16	ug/L	
22) cis-1,2-Dichloroethene	3.915	96	11886	0.44	ug/L	100
23) Bromochloromethane	4.252	128	5102	0.42	ug/L	97
25) Chloroform	4.378	83	20533	0.42	ug/L	99
27) 1,2-Dichloroethane	5.137	62	10844	0.41	ug/L #	94
29) 1,1,1-Trichloroethane	4.603	97	18472	0.46	ug/L	98
30) Cyclohexane	4.673	56	18299	0.50	ug/L	91
31) Carbon tetrachloride	4.825	117	15813	0.45	ug/L	95
33) Benzene	5.101	78	40098	0.41	ug/L	100
34) Trichloroethene	5.915	95	13302	0.48	ug/L	98
35) Methylcyclohexane	6.133	83	19598	0.48	ug/L	100
37) 1,2-Dichloropropane	6.175	63	9656	0.42	ug/L	99
38) Bromodichloromethane	6.516	83	13937	0.46	ug/L	99
39) cis-1,3-Dichloropropene	7.034	75	14595	0.44	ug/L	100
40) 4-Methyl-2-pentanone	7.233	43	62973	5.42	ug/L	98
42) Toluene	7.390	91	47033	0.44	ug/L	100
44) trans-1,3-Dichloropropene	7.657	75	12734	0.48	ug/L	90

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

45) 1,1,2-Trichloroethane	7.844	97	7423	0.44	ug/L	96
47) Tetrachloroethene	7.976	164	10545	0.45	ug/L	95
48) 2-Hexanone	8.146	43	45136	5.46	ug/L	96
49) Dibromochloromethane	8.246	129	10001	0.51	ug/L	94
50) 1,2-Dibromoethane	8.355	107	7106	0.45	ug/L #	91
51) Chlorobenzene	8.882	112	31838	0.45	ug/L	98
52) Ethylbenzene	9.011	91	51932	0.44	ug/L	100
53) m,p-xylene	9.140	106	20501	0.46	ug/L	100
54) o-xylene	9.545	106	19500	0.46	ug/L	98
55) Styrene	9.564	104	31717	0.45	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.242	83	6001	0.35	ug/L #	96
59) Bromoform	9.734	173	5943	0.55	ug/L	97
60) Isopropylbenzene	9.931	105	55176	0.47	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	5923	0.42	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	46670	0.48	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	46614	0.48	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	25192	0.42	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	26034	0.43	ug/L	97
67) 1,2-Dichlorobenzene	11.644	146	23686	0.44	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	976	0.38	ug/L #	71
69) 1,3,5-Trichlorobenzene	12.644	180	20821	0.42	ug/L	97
70) 1,2,4-trichlorobenzene	13.262	180	14876	0.38	ug/L	99
71) Naphthalene	13.503	128	17011	0.32	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	12977	0.38	ug/L	97

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

