

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022421\
 Data File : VW020380.D
 Acq On : 23 Feb 2021 14:11
 Operator : SY/MD
 Sample : VSTD0.564
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5703

Manual Integrations
 APPROVED

MMDadoda
 2/24/2021 12:15:21 PM

Quant Time: Feb 24 02:50:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 24 02:49:39 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Difluorobenzene	5.619	114	295364	5.00 ug/L	0.00
28) Chlorobenzene-d5	8.857	117	291138	5.00 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	149081	5.00 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	1.307	65	9177	0.45 ug/L	0.00
7) Chloroethane-d5	1.568	69	7708	0.44 ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	18926	0.61 ug/L	0.00
20) 2-Butanone-d5	3.947	46	13790m	3.32 ug/L	0.04
24) Chloroform-d	4.359	84	16763	0.42 ug/L	0.00
26) 1,2-Dichloroethane-d4	5.043	65	7658	0.39 ug/L	0.00
32) Benzene-d6	5.060	84	30579	0.40 ug/L	0.00
36) 1,2-Dichloropropane-d6	6.079	67	9805	0.44 ug/L	0.00
41) Toluene-d8	7.323	98	28836	0.41 ug/L	0.00
43) trans-1,3-Dichloroprop...	7.635	79	2976	0.36 ug/L	0.00
46) 2-Hexanone-d5	8.101	63	8486	2.49 ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.223	84	6047	0.40 ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.632	152	12413	0.48 ug/L	0.00
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.130	85	20285	0.66 ug/L	99
3) Chloromethane	1.240	50	17208	0.59 ug/L	94
5) Vinyl chloride	1.310	62	17913	0.62 ug/L	98
6) Bromomethane	1.523	94	12289	0.72 ug/L	97
8) Chloroethane	1.587	64	11085	0.65 ug/L	93
9) Trichlorofluoromethane	1.754	101	26618	0.74 ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	14354	0.75 ug/L	97
12) 1,1-Dichloroethene	2.118	96	13309	0.73 ug/L	95
13) Acetone	2.204	43	17332	6.85 ug/L	61
14) Carbon disulfide	2.294	76	39427	0.62 ug/L	97
15) Methyl Acetate	2.455	43	3331	0.45 ug/L	99
16) Methylene chloride	2.510	84	22467	0.99 ug/L	95
17) Methyl tert-butyl Ether	2.770	73	24321	0.53 ug/L	97
18) trans-1,2-Dichloroethene	2.764	96	13088	0.58 ug/L	98
19) 1,1-Dichloroethane	3.195	63	24313	0.60 ug/L	98
21) 2-Butanone	4.011	43	20923	4.45 ug/L #	71
22) cis-1,2-Dichloroethene	3.918	96	13626	0.58 ug/L	99
23) Bromochloromethane	4.256	128	6321	0.62 ug/L	93
25) Chloroform	4.384	83	26235	0.62 ug/L	97
27) 1,2-Dichloroethane	5.140	62	13693	0.55 ug/L	98
29) 1,1,1-Trichloroethane	4.613	97	21262	0.56 ug/L	97
30) Cyclohexane	4.677	56	18837	0.52 ug/L	96
31) Carbon tetrachloride	4.828	117	18815	0.57 ug/L	99
33) Benzene	5.108	78	51990	0.58 ug/L	100
34) Trichloroethene	5.921	95	15478	0.62 ug/L	97
35) Methylcyclohexane	6.133	83	20946	0.56 ug/L	99
37) 1,2-Dichloropropane	6.178	63	12116	0.56 ug/L #	95
38) Bromodichloromethane	6.516	83	15769	0.56 ug/L	96
39) cis-1,3-Dichloropropene	7.037	75	15122	0.50 ug/L	95
40) 4-Methyl-2-pentanone	7.233	43	54388	4.63 ug/L	97
42) Toluene	7.394	91	54849	0.57 ug/L	96
44) trans-1,3-Dichloropropene	7.664	75	11649	0.46 ug/L	99

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

45) 1,1,2-Trichloroethane	7.847	97	8768	0.57	ug/L	92
47) Tetrachloroethene	7.982	164	13063	0.61	ug/L	90
48) 2-Hexanone	8.149	43	36544	4.47	ug/L	93
49) Dibromochloromethane	8.252	129	9325	0.51	ug/L	93
50) 1,2-Dibromoethane	8.362	107	8211	0.57	ug/L #	97
51) Chlorobenzene	8.889	112	37415	0.59	ug/L	97
52) Ethylbenzene	9.018	91	60326	0.56	ug/L	99
53) m,p-xylene	9.143	106	22967	0.57	ug/L	95
54) o-xylene	9.548	106	20128	0.52	ug/L	93
55) Styrene	9.571	104	32708	0.50	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.249	83	8739	0.54	ug/L	98
59) Bromoform	9.738	173	4649	0.52	ug/L	95
60) Isopropylbenzene	9.937	105	56327	0.60	ug/L	99
61) 1,2,3-Trichloropropane	10.281	75	7163	0.65	ug/L	98
62) 1,3,5-Trimethylbenzene	10.545	105	43179	0.55	ug/L	99
63) 1,2,4-Trimethylbenzene	10.921	105	42316	0.53	ug/L	99
64) 1,3-Dichlorobenzene	11.188	146	30337	0.62	ug/L	98
65) 1,4-Dichlorobenzene	11.278	146	31102	0.63	ug/L	99
67) 1,2-Dichlorobenzene	11.651	146	26938	0.61	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.439	75	974	0.39	ug/L	95
69) 1,3,5-Trichlorobenzene	12.654	180	23282	0.55	ug/L	95
70) 1,2,4-trichlorobenzene	13.271	180	18072	0.53	ug/L	99
71) Naphthalene	13.516	128	19736	0.43	ug/L	97
72) 1,2,3-Trichlorobenzene	13.754	180	15011	0.50	ug/L	97

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

