

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111723\
 Data File : VW032973.D
 Acq On : 16 Nov 2023 20:09
 Operator : SY/MD
 Sample : VSTD01013
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010213

Quant Time: Nov 17 00:31:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 17 00:29:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	179822	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	185436	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	101583	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	153693	10.041	ug/L	0.00
7) Chloroethane-d5	1.532	69	148909	10.148	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	66798	9.898	ug/L	0.00
20) 2-Butanone-d5	3.793	46	214025	105.001	ug/L	0.00
24) Chloroform-d	4.249	84	269688	10.248	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.940	65	118353	10.187	ug/L	0.00
32) Benzene-d6	4.960	84	510424	10.470	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	140315	10.139	ug/L	0.00
41) Toluene-d8	7.243	98	501311	10.930	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.554	79	57658	10.688	ug/L	0.00
46) 2-Hexanone-d5	8.024	63	209028	116.221	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.156	84	102966	10.086	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	175786	9.945	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	195880	9.962	ug/L	98
3) Chloromethane	1.214	50	186725	9.547	ug/L	96
5) Vinyl chloride	1.281	62	182546	9.830	ug/L	98
6) Bromomethane	1.487	94	124936	9.438	ug/L	98
8) Chloroethane	1.548	64	139802	10.032	ug/L	99
9) Trichlorofluoromethane	1.712	101	286051	9.926	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	159112	9.737	ug/L	99
12) 1,1-Dichloroethene	2.069	96	148749	9.802	ug/L	96
13) Acetone	2.124	43	161516	85.280	ug/L	99
14) Carbon disulfide	2.240	76	437451	9.975	ug/L	100
15) Methyl Acetate	2.378	43	36701	8.735	ug/L	# 83
16) Methylene chloride	2.445	84	142100	7.906	ug/L	100
17) Methyl tert-butyl Ether	2.706	73	255862	10.100	ug/L	98
18) trans-1,2-Dichloroethene	2.693	96	141892	9.832	ug/L	99
19) 1,1-Dichloroethane	3.111	63	245389	9.600	ug/L	96
21) 2-Butanone	3.873	43	223443	98.188	ug/L	100
22) cis-1,2-Dichloroethene	3.815	96	149975	10.161	ug/L	97
23) Bromochloromethane	4.149	128	66893	9.878	ug/L	96
25) Chloroform	4.275	83	272632	9.667	ug/L	96
27) 1,2-Dichloroethane	5.040	62	150556	10.035	ug/L	100
29) 1,1,1-Trichloroethane	4.513	97	250748	9.793	ug/L	100
30) Cyclohexane	4.584	56	192219	10.766	ug/L	99
31) Carbon tetrachloride	4.738	117	222403	10.031	ug/L	99
33) Benzene	5.011	78	567137	10.362	ug/L	100
34) Trichloroethene	5.834	95	153017	10.159	ug/L	98
35) Methylcyclohexane	6.053	83	215231	10.787	ug/L	99
37) 1,2-Dichloropropane	6.095	63	134211	9.863	ug/L	99
38) Bromodichloromethane	6.432	83	182827	9.737	ug/L	97
39) cis-1,3-Dichloropropene	6.953	75	194777	10.436	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	582657	108.515	ug/L	99
42) Toluene	7.317	91	630272	10.587	ug/L	100
44) trans-1,3-Dichloropropene	7.583	75	158069	10.531	ug/L	99

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

45) 1,1,2-Trichloroethane	7.770	97	96976	9.900	ug/L	99
47) Tetrachloroethene	7.905	164	127543	10.055	ug/L	98
48) 2-Hexanone	8.075	43	412635	104.644	ug/L	99
49) Dibromochloromethane	8.178	129	116059	9.881	ug/L	95
50) 1,2-Dibromoethane	8.284	107	91168	9.732	ug/L #	97
51) Chlorobenzene	8.815	112	401347	10.040	ug/L	98
52) Ethylbenzene	8.947	91	677862	10.956	ug/L	99
53) m,p-Xylene	9.075	106	268959	11.245	ug/L	96
54) o-Xylene	9.480	106	255332	11.172	ug/L	95
55) Styrene	9.497	104	449700	11.441	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.181	83	103744	9.496	ug/L	100
59) Bromoform	9.667	173	63246	9.868	ug/L	99
60) Isopropylbenzene	9.870	105	694659	11.038	ug/L	98
61) 1,2,3-Trichloropropane	10.210	75	70082	9.446	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	551839	11.189	ug/L	100
63) 1,2,4-Trimethylbenzene	10.853	105	560462	11.275	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	338055	10.116	ug/L	100
65) 1,4-Dichlorobenzene	11.210	146	338079	9.910	ug/L	100
67) 1,2-Dichlorobenzene	11.580	146	300295	10.062	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	15483	8.707	ug/L	94
69) 1,3,5-Trichlorobenzene	12.583	180	242986	9.794	ug/L	100
70) 1,2,4-trichlorobenzene	13.201	180	195068	9.695	ug/L	99
71) Naphthalene	13.442	128	288385	10.297	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	175366	10.009	ug/L	98

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

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