

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102723\
 Data File : VW032676.D
 Acq On : 27 Oct 2023 11:44
 Operator : SY/MD
 Sample : VSTD01007
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010207

Quant Time: Oct 27 23:38:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 27 23:36:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	158035	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	178828	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	97389	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	128743	9.943	ug/L	0.00
7) Chloroethane-d5	1.532	69	108662	10.263	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	57933	10.583	ug/L	0.00
20) 2-Butanone-d5	3.822	46	281712	88.849	ug/L	0.00
24) Chloroform-d	4.252	84	225842	9.961	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.947	65	109162	10.188	ug/L	0.00
32) Benzene-d6	4.960	84	441385	8.790	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.992	67	124422	7.515	ug/L	0.00
41) Toluene-d8	7.243	98	462971	9.826	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.555	79	56950	9.627	ug/L	0.00
46) 2-Hexanone-d5	8.030	63	251467	92.038	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.156	84	112483	9.507	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	157783	9.015	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	152887	8.744	ug/L	100
3) Chloromethane	1.214	50	180118	9.898	ug/L	98
5) Vinyl chloride	1.281	62	182856	10.463	ug/L	99
6) Bromomethane	1.487	94	103709	9.959	ug/L	100
8) Chloroethane	1.548	64	115499	10.833	ug/L	99
9) Trichlorofluoromethane	1.712	101	257531	11.966	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	146380	11.297	ug/L	98
12) 1,1-Dichloroethene	2.066	96	138295	11.323	ug/L	95
13) Acetone	2.156	43	238823	94.465	ug/L	96
14) Carbon disulfide	2.236	76	452250	10.824	ug/L	100
15) Methyl Acetate	2.391	43	54038	9.765	ug/L	# 86
16) Methylene chloride	2.445	84	154040	9.754	ug/L	97
17) Methyl tert-butyl Ether	2.709	73	306953	9.734	ug/L	98
18) trans-1,2-Dichloroethene	2.693	96	136663	10.070	ug/L	97
19) 1,1-Dichloroethane	3.111	63	240038	9.544	ug/L	97
21) 2-Butanone	3.899	43	363994	93.709	ug/L	91
22) cis-1,2-Dichloroethene	3.815	96	141100	9.815	ug/L	99
23) Bromochloromethane	4.150	128	66978	10.822	ug/L	98
25) Chloroform	4.278	83	262679	10.385	ug/L	99
27) 1,2-Dichloroethane	5.043	62	161339	10.682	ug/L	99
29) 1,1,1-Trichloroethane	4.513	97	221608	9.254	ug/L	98
30) Cyclohexane	4.584	56	197370	7.825	ug/L	99
31) Carbon tetrachloride	4.735	117	191826	9.370	ug/L	99
33) Benzene	5.011	78	577645	9.356	ug/L	100
34) Trichloroethene	5.834	95	141374	8.464	ug/L	97
35) Methylcyclohexane	6.050	83	232448	8.958	ug/L	99
37) 1,2-Dichloropropane	6.095	63	139939	8.647	ug/L	97
38) Bromodichloromethane	6.432	83	180154	9.150	ug/L	99
39) cis-1,3-Dichloropropene	6.956	75	224152	9.508	ug/L	94
40) 4-Methyl-2-pentanone	7.162	43	966905	93.812	ug/L	100
42) Toluene	7.317	91	683230	10.124	ug/L	99
44) trans-1,3-Dichloropropene	7.583	75	188667	9.687	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.770	97	114273	9.711	ug/L	98
47) Tetrachloroethene	7.905	164	129063	9.799	ug/L	96
48) 2-Hexanone	8.079	43	700258	96.777	ug/L	99
49) Dibromochloromethane	8.178	129	134214	10.649	ug/L	99
50) 1,2-Dibromoethane	8.284	107	108486	9.748	ug/L	99
51) Chlorobenzene	8.815	112	429536	9.933	ug/L	99
52) Ethylbenzene	8.947	91	738100	9.973	ug/L	99
53) m,p-Xylene	9.075	106	279532	10.163	ug/L	97
54) o-Xylene	9.480	106	274392	10.296	ug/L	97
55) Styrene	9.497	104	476051	10.627	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.181	83	136136	10.400	ug/L	99
59) Bromoform	9.667	173	73132	10.154	ug/L	97
60) Isopropylbenzene	9.870	105	686872	9.281	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	94073	9.123	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	577760	9.587	ug/L	100
63) 1,2,4-Trimethylbenzene	10.853	105	585319	9.752	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	350707	9.712	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	338633	9.372	ug/L	100
67) 1,2-Dichlorobenzene	11.580	146	324791	9.880	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.368	75	20898	9.829	ug/L	95
69) 1,3,5-Trichlorobenzene	12.583	180	246399	9.418	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	209668	9.119	ug/L	99
71) Naphthalene	13.442	128	350284	9.107	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	192608	9.676	ug/L	98

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

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