

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102723\
 Data File : VW032677.D
 Acq On : 27 Oct 2023 12:08
 Operator : SY/MD
 Sample : VSTD02008
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020208

Quant Time: Oct 27 23:39:25 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	161040	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	178836	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	97742	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	269570	20.430	ug/L	0.00
7) Chloroethane-d5	1.532	69	222757	20.647	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	128856	23.100	ug/L	0.00
20) 2-Butanone-d5	3.815	46	612291	189.507	ug/L	-0.02
24) Chloroform-d	4.249	84	477729	20.678	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.944	65	228535	20.931	ug/L	0.00
32) Benzene-d6	4.960	84	943302	18.784	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	271299	16.385	ug/L	0.00
41) Toluene-d8	7.243	98	952692	20.218	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.555	79	122072	20.635	ug/L	0.00
46) 2-Hexanone-d5	8.027	63	560834	205.259	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.156	84	231371	19.554	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.564	152	334818	19.062	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	310700	17.438	ug/L	100
3) Chloromethane	1.214	50	367684	19.828	ug/L	100
5) Vinyl chloride	1.281	62	373607	20.979	ug/L	99
6) Bromomethane	1.487	94	213217	20.093	ug/L	100
8) Chloroethane	1.548	64	236718	21.789	ug/L	99
9) Trichlorofluoromethane	1.712	101	549702	25.064	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	305468	23.135	ug/L	98
12) 1,1-Dichloroethene	2.066	96	314066	25.235	ug/L	95
13) Acetone	2.156	43	524749	203.687	ug/L	90
14) Carbon disulfide	2.236	76	948484	22.277	ug/L	100
15) Methyl Acetate	2.388	43	118949	21.094	ug/L	91
16) Methylene chloride	2.445	84	317496	19.729	ug/L	98
17) Methyl tert-butyl Ether	2.709	73	660530	20.556	ug/L	99
18) trans-1,2-Dichloroethene	2.693	96	292010	21.116	ug/L	97
19) 1,1-Dichloroethane	3.111	63	523002	20.407	ug/L	98
21) 2-Butanone	3.895	43	793073	200.365	ug/L	91
22) cis-1,2-Dichloroethene	3.815	96	313146	21.376	ug/L	98
23) Bromochloromethane	4.146	128	141093	22.372	ug/L	93
25) Chloroform	4.275	83	557509	21.631	ug/L	99
27) 1,2-Dichloroethane	5.043	62	346023	22.483	ug/L	98
29) 1,1,1-Trichloroethane	4.513	97	472955	19.748	ug/L	99
30) Cyclohexane	4.584	56	436386	17.301	ug/L	97
31) Carbon tetrachloride	4.735	117	409602	20.006	ug/L	99
33) Benzene	5.008	78	1227459	19.880	ug/L	100
34) Trichloroethene	5.831	95	308443	18.466	ug/L	98
35) Methylcyclohexane	6.050	83	501989	19.344	ug/L	100
37) 1,2-Dichloropropane	6.095	63	287399	17.757	ug/L	97
38) Bromodichloromethane	6.432	83	429587	21.819	ug/L	100
39) cis-1,3-Dichloropropene	6.953	75	488824	20.735	ug/L	98
40) 4-Methyl-2-pentanone	7.162	43	2045498	198.452	ug/L	99
42) Toluene	7.317	91	1435843	21.276	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	416455	21.381	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.770	97	229955	19.540	ug/L	98
47) Tetrachloroethene	7.905	164	266623	20.242	ug/L	98
48) 2-Hexanone	8.079	43	1495280	206.642	ug/L	99
49) Dibromochloromethane	8.178	129	281879	22.364	ug/L	98
50) 1,2-Dibromoethane	8.284	107	222306	19.975	ug/L	98
51) Chlorobenzene	8.815	112	902133	20.861	ug/L	99
52) Ethylbenzene	8.947	91	1599036	21.605	ug/L	99
53) m,p-Xylene	9.075	106	604359	21.971	ug/L	99
54) o-Xylene	9.480	106	593360	22.263	ug/L	96
55) Styrene	9.497	104	1018722	22.740	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.181	83	278451	21.270	ug/L	98
59) Bromoform	9.667	173	157525	21.792	ug/L	99
60) Isopropylbenzene	9.870	105	1516641	20.418	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	201452	19.465	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	1302149	21.529	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	1316899	21.861	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	740713	20.438	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	728537	20.089	ug/L	100
67) 1,2-Dichlorobenzene	11.580	146	682601	20.690	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	44528	20.867	ug/L	99
69) 1,3,5-Trichlorobenzene	12.583	180	540200	20.574	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	476328	20.642	ug/L	99
71) Naphthalene	13.438	128	824100	21.347	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	430380	21.542	ug/L	99

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

