

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072523\
 Data File : VW031737.D
 Acq On : 25 Jul 2023 10:26
 Operator : SY/MD
 Sample : VSTD10050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100250

Quant Time: Jul 26 02:06:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 26 02:05:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	395278	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	409407	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	262597	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	382550	104.756	ug/L	0.00
7) Chloroethane-d5	1.526	69	344364	129.304	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	175527	108.337	ug/L	0.00
21) 2-Butanone-d5	3.783	46	610310	254.168	ug/L	0.00
24) Chloroform-d	4.249	84	827747	113.451	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.944	65	511358	111.188	ug/L	0.00
32) Benzene-d6	4.963	84	1399037	112.778	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.992	67	502059	123.596	ug/L	0.00
41) Toluene-d8	7.246	98	1264170	115.628	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.555	79	243737	122.238	ug/L	0.00
47) 2-Hexanone-d5	8.027	63	472478	295.168	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.156	84	688728	113.418	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.564	152	542498	112.125	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	494514	102.622	ug/L	100
3) Chloromethane	1.217	50	448005	89.148	ug/L	98
5) Vinyl chloride	1.282	62	466578	98.407	ug/L	99
6) Bromomethane	1.478	94	320123	115.562	ug/L	100
8) Chloroethane	1.545	64	307230	116.795	ug/L	100
9) Trichlorofluoromethane	1.712	101	794273	115.598	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	462339	116.805	ug/L	97
12) 1,1-Dichloroethene	2.069	96	379542	111.294	ug/L	93
13) Acetone	2.111	43	611673	312.414	ug/L	96
14) Carbon disulfide	2.240	76	961281	88.938	ug/L	100
15) Methyl Acetate	2.372	43	482270	112.487	ug/L	96
16) Methylene chloride	2.445	84	423816	104.703	ug/L	96
17) trans-1,2-Dichloroethene	2.693	96	365051	106.148	ug/L	96
18) Methyl tert-butyl Ether	2.706	73	1285252	120.346	ug/L	100
19) 1,1-Dichloroethane	3.111	63	795131	110.255	ug/L	98
20) cis-1,2-Dichloroethene	3.815	96	426346	118.583	ug/L	93
22) 2-Butanone	3.863	43	752807	274.176	ug/L	98
23) Bromochloromethane	4.146	128	216859	112.290	ug/L	92
25) Chloroform	4.278	83	839192	113.303	ug/L	99
27) 1,2-Dichloroethane	5.043	62	631892	114.368	ug/L	100
29) Cyclohexane	4.587	56	630206	120.226	ug/L	99
30) 1,1,1-Trichloroethane	4.513	97	728704	113.044	ug/L	98
31) Carbon tetrachloride	4.738	117	632881	111.943	ug/L	100
33) Benzene	5.011	78	1628766	116.145	ug/L	100
34) Trichloroethene	5.834	95	484958	121.312	ug/L	98
35) Methylcyclohexane	6.053	83	634361	121.793	ug/L	99
37) 1,2-Dichloropropane	6.095	63	467798	118.309	ug/L	99
38) Bromodichloromethane	6.436	83	647964	121.420	ug/L	97
39) cis-1,3-Dichloropropene	6.957	75	733154	123.920	ug/L	99
40) 4-Methyl-2-pentanone	7.162	43	1360490	272.591	ug/L	99
42) Toluene	7.320	91	1787839	124.389	ug/L	100
44) trans-1,3-Dichloropropene	7.584	75	740077	125.370	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.773	97	461788	117.985	ug/L	98
46) Tetrachloroethene	7.908	164	324909	110.666	ug/L	96
48) 2-Hexanone	8.079	43	1126121	269.817	ug/L	98
49) Dibromochloromethane	8.182	129	492066	114.613	ug/L	100
50) 1,2-Dibromoethane	8.284	107	494537	115.648	ug/L	99
51) Chlorobenzene	8.818	112	1101565	115.575	ug/L	99
52) Ethylbenzene	8.950	91	2014696	129.119	ug/L	99
53) m,p-Xylene	9.075	106	732145	128.333	ug/L	94
54) o-Xylene	9.484	106	714383	134.248	ug/L	97
55) Styrene	9.500	104	1333173	136.046	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.182	83	640850	108.309	ug/L	98
59) Bromoform	9.670	173	380692	114.923	ug/L	100
60) Isopropylbenzene	9.873	105	2004715	125.854	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	611025	110.334	ug/L	98
62) 1,3,5-Trimethylbenzene	10.481	105	1671994	129.335	ug/L	100
63) 1,2,4-Trimethylbenzene	10.857	105	1709546	132.543	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	957142	115.838	ug/L	99
65) 1,4-Dichlorobenzene	11.214	146	987482	110.294	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	959794	112.859	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	177829	107.447	ug/L	99
69) 1,3,5-Trichlorobenzene	12.587	180	705612	115.379	ug/L	99
70) 1,2,4-trichlorobenzene	13.204	180	646910	119.229	ug/L	100
71) Naphthalene	13.442	128	2082418	130.211	ug/L	100
72) 1,2,3-Trichlorobenzene	13.686	180	678580	117.954	ug/L	99

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

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