Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV070725\
Data File : VV038874.D
Acq On : 07 Jul 2025 16:52
Operator : SY/MD
Sample : MDL04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : MDL04

Quant Time: Jul 08 02:45:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V070225W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 08 02:37:09 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	4.603	168	415778	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	5.535	114	711003	50.000	ug/l		0.00
63) Chlorobenzene-d5	8.776	117	660930	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	316921	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	4.944	65	268940	57.715	ug/l		0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 115.420%				
35) Dibromofluoromethane	4.506	113	242469	53.838	ug/l		0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 107.680%				
50) Toluene-d8	7.239	98	677504	46.496	ug/l		0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 93.000%				
62) 4-Bromofluorobenzene	10.001	95	284278	48.289	ug/l		0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 96.580%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.121	85	1926	0.488	ug/l		90
3) Chloromethane	1.230	50	3198	0.660	ug/l		98
4) Vinyl Chloride	1.297	62	2454	0.545	ug/l	#	83
5) Bromomethane	1.497	94	2877	1.047	ug/l	#	67
6) Chloroethane	1.561	64	1938	0.642	ug/l		90
7) Trichlorofluoromethane	1.725	101	4250	0.533	ug/l		97
8) Diethyl Ether	1.918	74	1752	0.632	ug/l		99
9) 1,1,2-Trichlorotrifluo...	2.085	101	2406	0.534	ug/l		96
10) Methyl Iodide	2.201	142	2838	0.497	ug/l	#	94
11) Tert butyl alcohol	2.580	59	1775m	2.918	ug/l		
12) 1,1-Dichloroethene	2.095	96	2280	0.532	ug/l	#	70
13) Acrolein	2.024	56	660	4.346	ug/l	#	80
14) Allyl chloride	2.365	41	3243	0.563	ug/l	#	83
15) Acrylonitrile	2.715	53	4109m	1.931	ug/l		
16) Acetone	2.124	43	6066	3.906	ug/l		94
17) Carbon Disulfide	2.256	76	5570	0.562	ug/l		100
18) Methyl Acetate	2.407	43	2769m	0.523	ug/l		
19) Methyl tert-butyl Ether	2.715	73	6169	0.466	ug/l		95
20) Methylene Chloride	2.461	84	5269	1.027	ug/l		89
21) trans-1,2-Dichloroethene	2.715	96	1692	0.395	ug/l		92
22) Diisopropyl ether	3.230	45	4167	0.353	ug/l	#	25
23) Vinyl Acetate	3.252	43	12333m	1.449	ug/l		
24) 1,1-Dichloroethane	3.127	63	4309	0.541	ug/l		98
26) 2,2-Dichloropropane	3.821	77	4386m	0.595	ug/l		
27) cis-1,2-Dichloroethene	3.847	96	2525m	0.506	ug/l		
28) Bromochloromethane	4.188	49	2070m	0.609	ug/l		
29) Tetrahydrofuran	4.297	42	3763m	2.420	ug/l		
30) Chloroform	4.304	83	4644m	0.536	ug/l		
31) Cyclohexane	4.596	56	11023	1.749	ug/l	#	33
32) 1,1,1-Trichloroethane	4.516	97	4444	0.552	ug/l	#	44
36) 1,1-Dichloropropene	4.764	75	3756m	0.687	ug/l		
38) Carbon Tetrachloride	4.751	117	5111m	0.711	ug/l		
39) Methylcyclohexane	6.043	83	3385m	0.474	ug/l		
40) Benzene	5.047	78	6899	0.382	ug/l	#	88
42) 1,2-Dichloroethane	5.066	62	3718m	0.582	ug/l		
44) Trichloroethene	5.857	130	1905m	0.405	ug/l		

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV070725\
Data File : VV038874.D
Acq On : 07 Jul 2025 16:52
Operator : SY/MD
Sample : MDL04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Quant Time: Jul 08 02:45:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V070225W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 08 02:37:09 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45)	1,2-Dichloropropane	6.117	63	2234m	0.493	ug/l		
46)	Dibromomethane	6.262	93	1753	0.490	ug/l	#	69
47)	Bromodichloromethane	6.445	83	3482	0.460	ug/l	#	81
51)	4-Methyl-2-Pentanone	7.169	43	8484	1.511	ug/l		98
52)	Toluene	7.329	92	5586	0.495	ug/l		83
53)	t-1,3-Dichloropropene	7.622	75	2617m	0.361	ug/l		
54)	cis-1,3-Dichloropropene	6.979	75	2816m	0.380	ug/l		
55)	1,1,2-Trichloroethane	7.789	97	2753m	0.558	ug/l		
57)	1,3-Dichloropropane	7.969	76	3399m	0.438	ug/l		
58)	2-Chloroethyl Vinyl ether	6.854	63	5565m	1.890	ug/l		
59)	2-Hexanone	8.124	43	3703	0.935	ug/l		72
60)	Dibromochloromethane	8.178	129	3090	0.498	ug/l		82
61)	1,2-Dibromoethane	8.300	107	2270	0.445	ug/l		97
64)	Tetrachloroethene	7.908	164	2439	0.574	ug/l	#	83
65)	Chlorobenzene	8.812	112	6695	0.481	ug/l		94
66)	1,1,1,2-Tetrachloroethane	8.905	131	2635	0.507	ug/l	#	67
67)	Ethyl Benzene	8.953	91	8948	0.410	ug/l		91
68)	m/p-Xylenes	9.082	106	6423	0.768	ug/l		85
69)	o-Xylene	9.484	106	3003	0.376	ug/l		99
70)	Styrene	9.525	104	4152	0.298	ug/l	#	72
71)	Bromoform	9.673	173	2365m	0.560	ug/l		
73)	Isopropylbenzene	9.863	105	7733	0.416	ug/l		99
74)	N-amyl acetate	9.767	43	2604m	0.400	ug/l		
75)	1,1,2,2-Tetrachloroethane	10.175	83	3715	0.551	ug/l		88
76)	1,2,3-Trichloropropane	10.210	75	2163m	0.441	ug/l		
77)	Bromobenzene	10.159	156	2437	0.508	ug/l		95
78)	n-propylbenzene	10.294	91	10351	0.468	ug/l		99
79)	2-Chlorotoluene	10.365	91	6947m	0.517	ug/l		
80)	1,3,5-Trimethylbenzene	10.471	105	7445	0.468	ug/l		97
81)	trans-1,4-Dichloro-2-b...	9.950	75	947m	0.411	ug/l		
82)	4-Chlorotoluene	10.487	91	7943	0.513	ug/l		91
83)	tert-Butylbenzene	10.795	119	8046	0.488	ug/l		95
84)	1,2,4-Trimethylbenzene	10.860	105	7111	0.456	ug/l		85
85)	sec-Butylbenzene	11.017	105	8507	0.405	ug/l		94
86)	p-Isopropyltoluene	11.172	119	8450	0.469	ug/l		96
87)	1,3-Dichlorobenzene	11.123	146	5106	0.523	ug/l		98
88)	1,4-Dichlorobenzene	11.204	146	6529m	0.635	ug/l		
89)	n-Butylbenzene	11.599	91	7263	0.435	ug/l		93
90)	Hexachloroethane	11.824	117	2255	0.577	ug/l		78
91)	1,2-Dichlorobenzene	11.586	146	4718	0.513	ug/l		92
92)	1,2-Dibromo-3-Chloropr...	12.371	75	417	0.292	ug/l		70
93)	1,2,4-Trichlorobenzene	13.201	180	2500	0.419	ug/l		92
94)	Hexachlorobutadiene	13.374	225	1449	0.504	ug/l		95
95)	Naphthalene	13.448	128	5808	0.306	ug/l	#	93
96)	1,2,3-Trichlorobenzene	13.680	180	2544	0.414	ug/l		89

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV070725\
Data File : VV038874.D
Acq On : 07 Jul 2025 16:52
Operator : SY/MD
Sample : MDL04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Quant Time: Jul 08 02:45:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V070225W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 08 02:37:09 2025
Response via : Initial Calibration